

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041819\
 Data File : VX009041.D
 Acq On : 18 Apr 2019 14:11
 Operator : JC/SP
 Sample : VX0418WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 9:11:59 AM

Quant Time: Apr 19 05:04:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	143596	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.56%		
35) Dibromofluoromethane	5.50	113	105742	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.86%		
50) Toluene-d8	8.71	98	427088	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.12%		
62) 4-Bromofluorobenzene	11.13	95	150210	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.76%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	50838	21.997	ug/l	97
3) Chloromethane	1.32	50	62851	22.152	ug/l	99
4) Vinyl Chloride	1.41	62	58336	21.125	ug/l	98
5) Bromomethane	1.64	94	32838	21.376	ug/l	99
6) Chloroethane	1.72	64	34687	21.361	ug/l	100
7) Trichlorofluoromethane	1.93	101	66711	20.691	ug/l	96
8) Diethyl Ether	2.19	74	30802	20.889	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42800	20.762	ug/l	99
10) Methyl Iodide	2.51	142	44601	22.455	ug/l	98
11) Tert butyl alcohol	3.05	59	73010	116.317	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44738	20.792	ug/l	94
13) Acrolein	2.29	56	40641	74.936	ug/l	100
14) Allyl chloride	2.73	41	101291	21.577	ug/l	98
15) Acrylonitrile	3.14	53	180974	113.580	ug/l	100
16) Acetone	2.45	43	158852	108.328	ug/l	99
17) Carbon Disulfide	2.57	76	124153	20.396	ug/l	99
18) Methyl Acetate	2.78	43	83196	22.732	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	164792	21.494	ug/l	100
20) Methylene Chloride	2.85	84	53076	21.165	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	46193	20.127	ug/l	95
22) Diisopropyl ether	3.86	45	202988	22.252	ug/l	90
23) Vinyl Acetate	3.82	43	898985	112.111	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97023	21.188	ug/l	100
25) 2-Butanone	4.68	43	270440	115.379	ug/l	100
26) 2,2-Dichloropropane	4.59	77	63737	18.569	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55104	21.147	ug/l	100
28) Bromochloromethane	5.02	49	43921	22.012	ug/l	96
29) Tetrahydrofuran	5.13	42	180813	115.253	ug/l	99
30) Chloroform	5.21	83	88167	21.516	ug/l	99
31) Cyclohexane	5.58	56	93338	20.724	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	72390	21.315	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67009	19.438	ug/l	100
37) Ethyl Acetate	4.84	43	100500	22.655	ug/l	99
38) Carbon Tetrachloride	5.79	117	58729	20.095	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82720	19.708	ug/l	97
40) Benzene	6.15	78	210403	20.688	ug/l	98
41) Methacrylonitrile	5.04	41	56968	22.376	ug/l	99
42) 1,2-Dichloroethane	6.20	62	75095	20.844	ug/l	99
43) Isopropyl Acetate	6.45	43	154318	21.587	ug/l	99
44) Trichloroethene	7.21	130	49080	19.696	ug/l	98
45) 1,2-Dichloropropane	7.51	63	60516	21.449	ug/l	100
46) Dibromomethane	7.66	93	33744	20.550	ug/l	99
47) Bromodichloromethane	7.90	83	65880	20.456	ug/l	99
48) Methyl methacrylate	7.77	41	77656	21.985	ug/l	98
49) 1,4-Dioxane	7.74	88	29253	442.474	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	519729	114.120	ug/l	99
52) Toluene	8.79	92	125990	20.671	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	73514	19.834	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	83695	20.167	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51648	21.380	ug/l	97
56) Ethyl methacrylate	9.18	69	93350	21.551	ug/l	98
57) 1,3-Dichloropropane	9.37	76	90710	21.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	244995	105.034	ug/l	99
59) 2-Hexanone	9.49	43	400005	113.922	ug/l	99
60) Dibromochloromethane	9.58	129	48216	20.826	ug/l	98
61) 1,2-Dibromoethane	9.67	107	52305	20.979	ug/l	99
64) Tetrachloroethene	9.34	164	45277	20.202	ug/l	98
65) Chlorobenzene	10.14	112	127559	20.484	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	45694	20.829	ug/l	99
67) Ethyl Benzene	10.25	91	235512	20.689	ug/l	99
68) m/p-Xylenes	10.36	106	168559	40.744	ug/l	98
69) o-Xylene	10.70	106	83250	20.681	ug/l	98
70) Styrene	10.71	104	143137	20.520	ug/l	98
71) Bromoform	10.85	173	35121	20.096	ug/l #	99
73) Isopropylbenzene	11.02	105	222761	21.686	ug/l	100
74) N-amyl acetate	10.90	43	131284	22.260	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84670	22.560	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	71910m	21.732	ug/l	
77) Bromobenzene	11.26	156	53281	20.559	ug/l	97
78) n-propylbenzene	11.36	91	251848	21.362	ug/l	100
79) 2-Chlorotoluene	11.42	91	152391	21.450	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	185547	21.526	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25384	19.694	ug/l	92
82) 4-Chlorotoluene	11.51	91	171422	20.776	ug/l	99
83) tert-Butylbenzene	11.77	119	172686	20.867	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	187614	21.382	ug/l	100
85) sec-Butylbenzene	11.94	105	209094	21.184	ug/l	100
86) p-Isopropyltoluene	12.06	119	190038	20.942	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	92447	20.381	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	93003	20.226	ug/l	99
89) n-Butylbenzene	12.38	91	171157	20.253	ug/l	99
90) Hexachloroethane	12.60	117	31344	20.940	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	93754	20.931	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17822	20.856	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	64250	19.871	ug/l	100
94) Hexachlorobutadiene	13.78	225	32406	20.095	ug/l	99
95) Naphthalene	13.83	128	214453	20.702	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65040	20.387	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

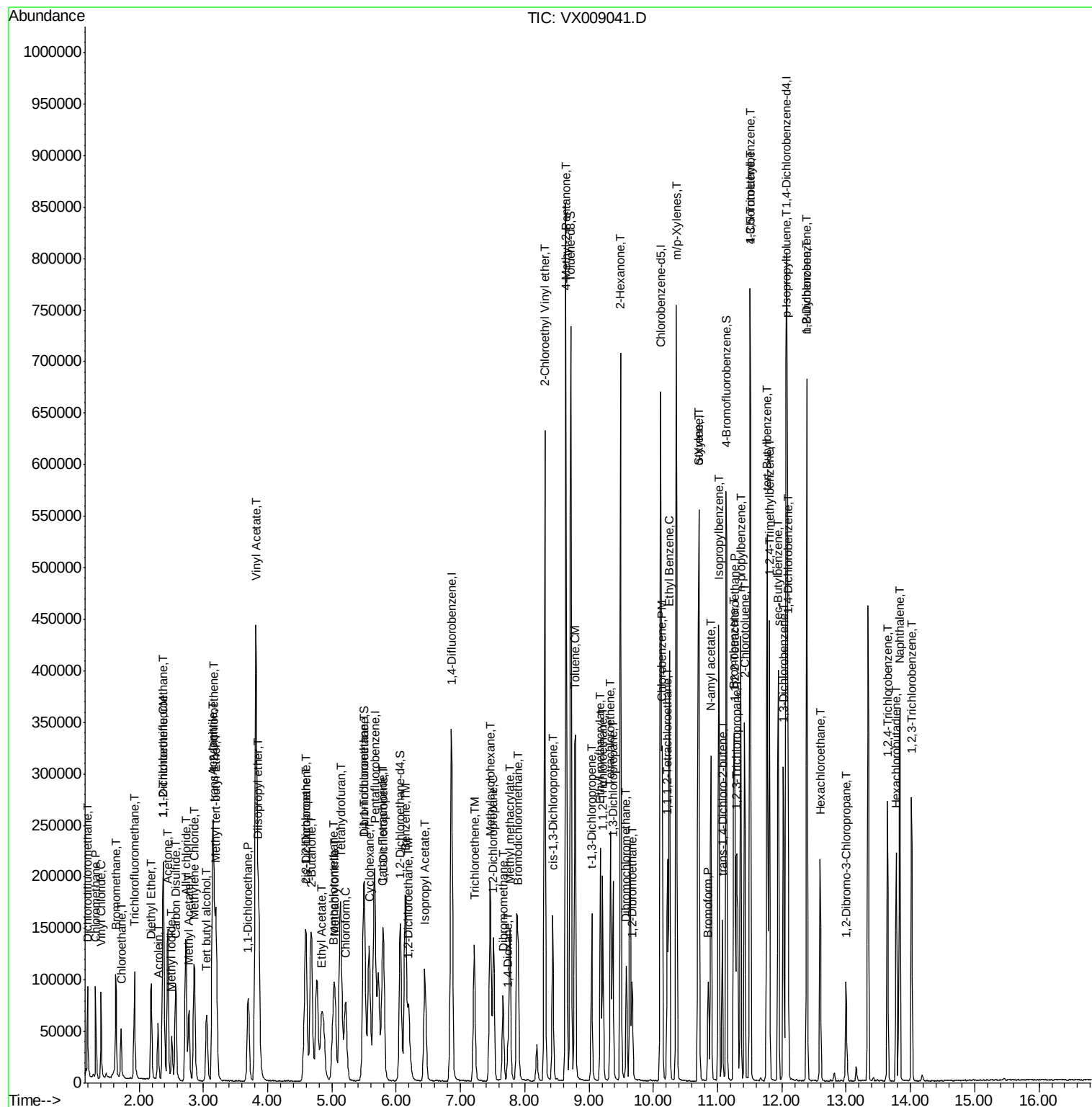
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041819\
Data File : VX009041.D
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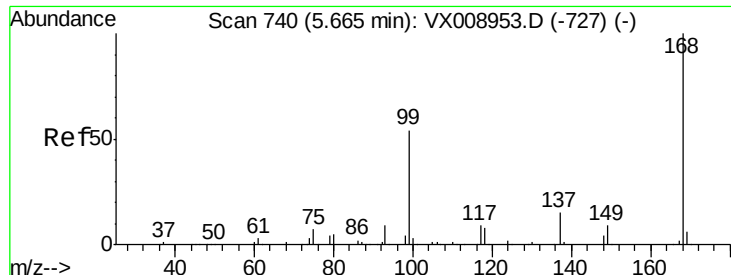
Instrument :
MSVOA_X
Client Sample ID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion:168 Resp: 200650

Ion Ratio Lower Upper

168 100

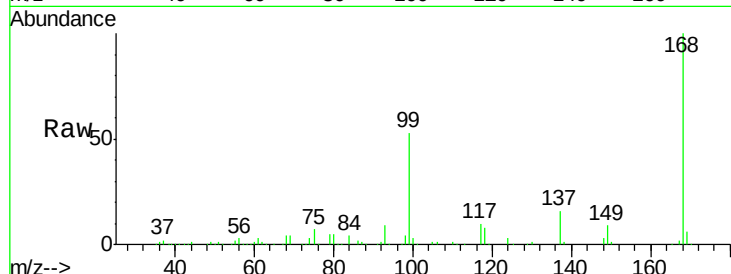
99 52.6 43.0 64.6

Manual Integrations

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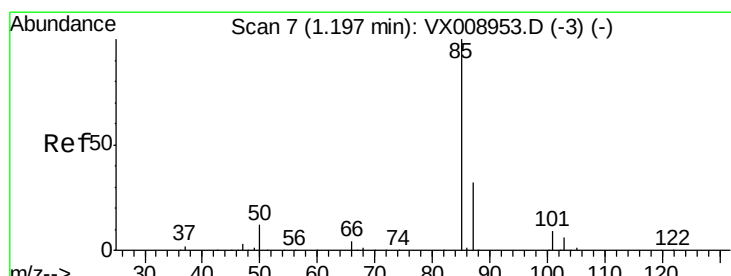
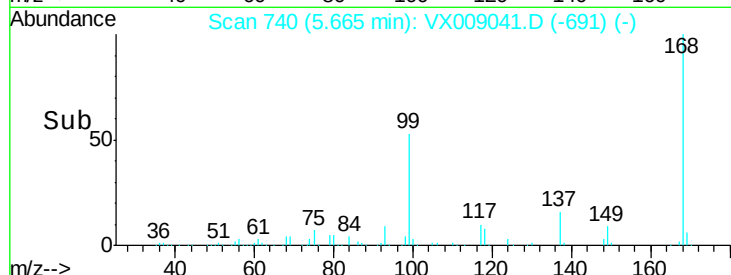
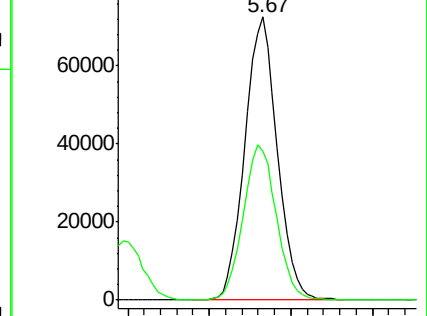
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.997 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009041.D

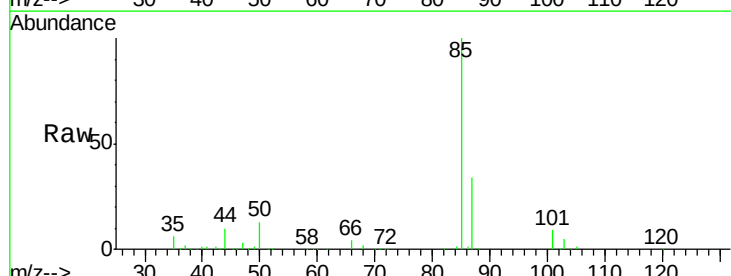
Acq: 18 Apr 2019 14:11

Tgt Ion: 85 Resp: 50838

Ion Ratio Lower Upper

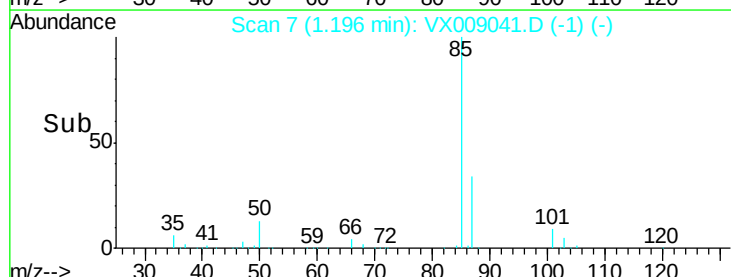
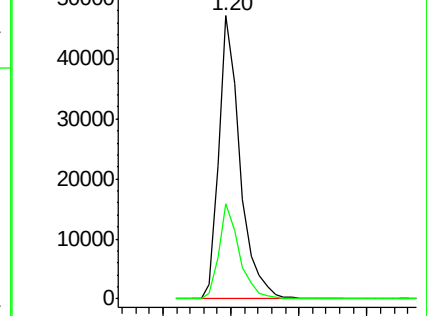
85 100

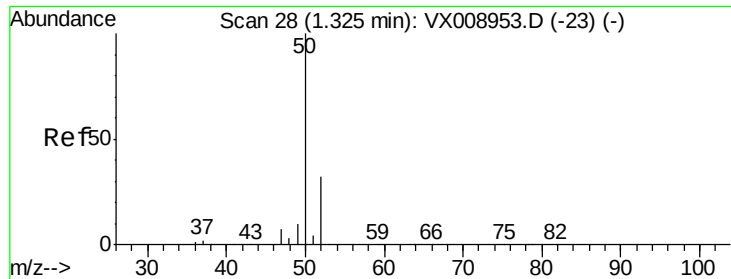
87 33.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 22.152 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion: 50 Resp: 62851

Ion Ratio Lower Upper

50 100

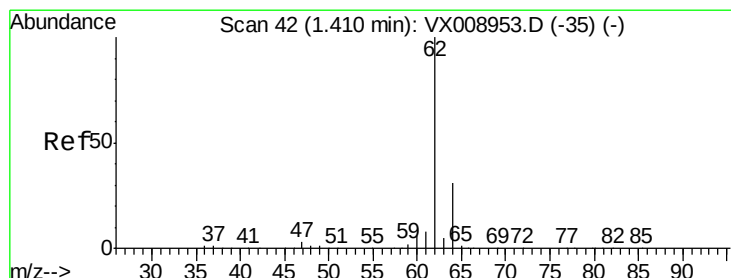
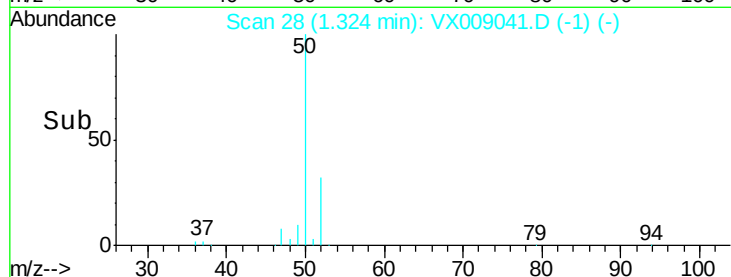
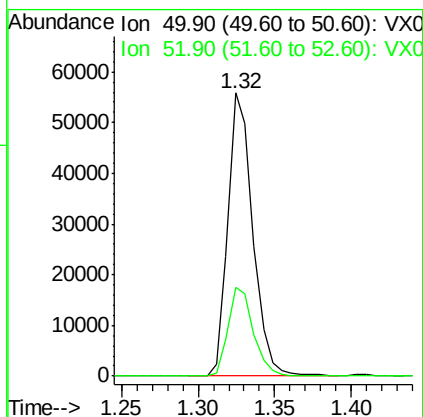
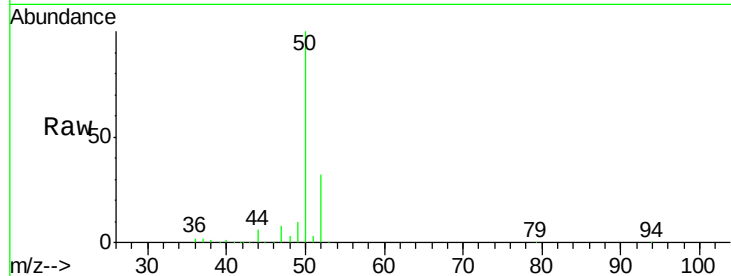
52 31.4 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.125 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009041.D

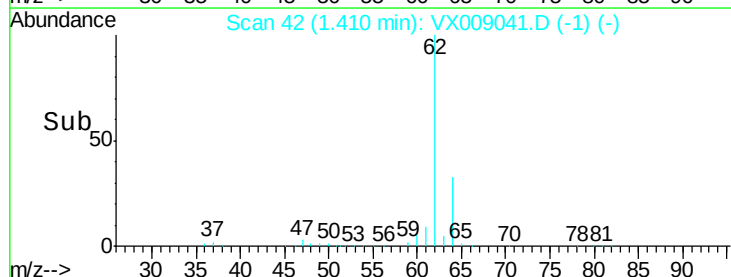
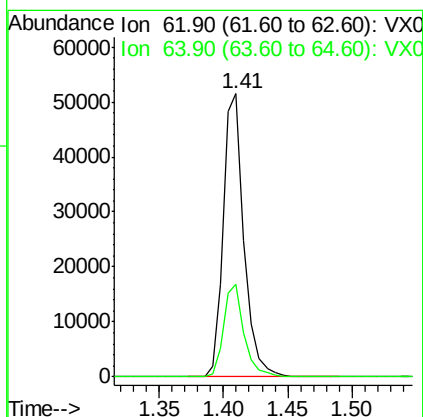
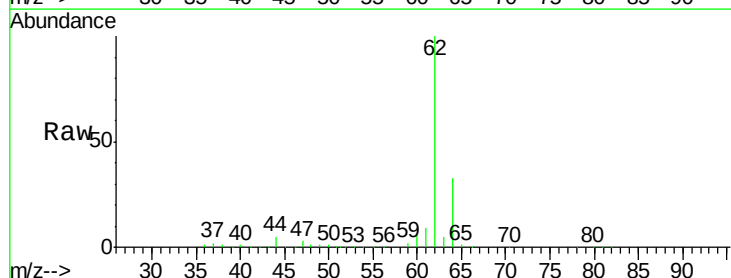
Acq: 18 Apr 2019 14:11

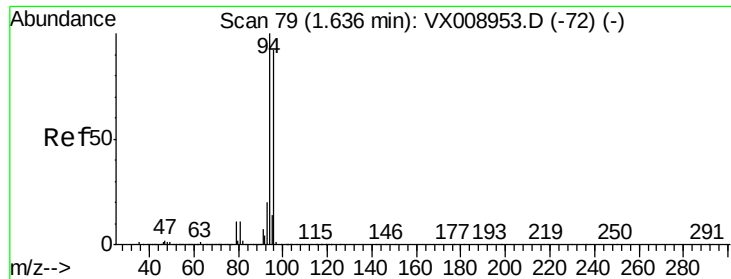
Tgt Ion: 62 Resp: 58336

Ion Ratio Lower Upper

62 100

64 32.5 25.0 37.4





#5

Bromomethane

Concen: 21.376 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

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Tot Ion: 94 Resp: 32838

Ion Ratio Lower Upper

94 100

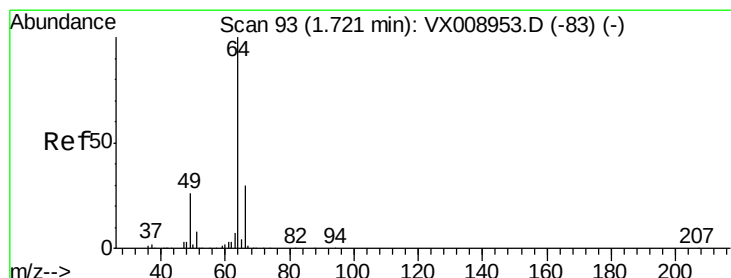
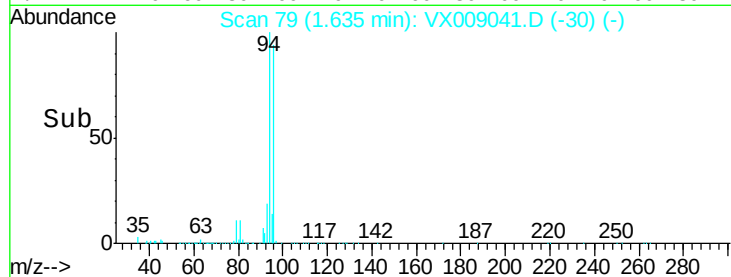
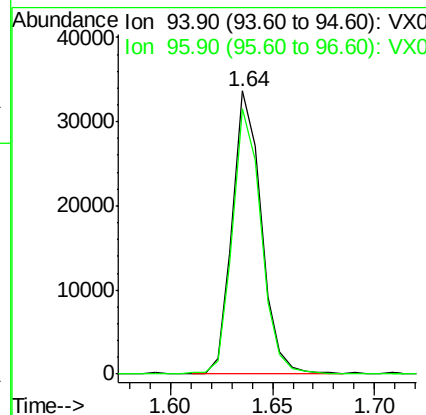
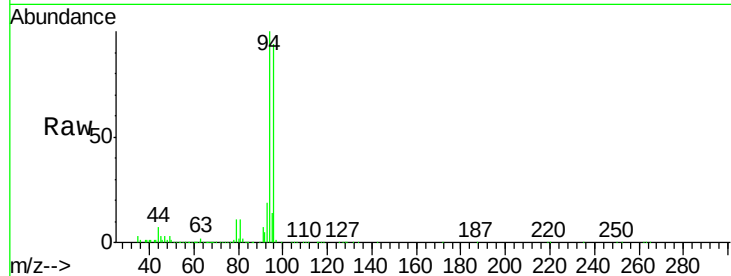
96 93.5 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 21.361 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009041.D

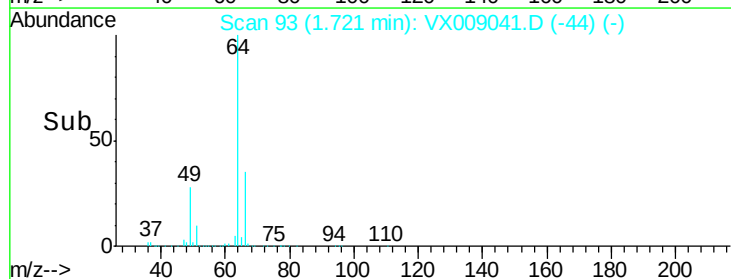
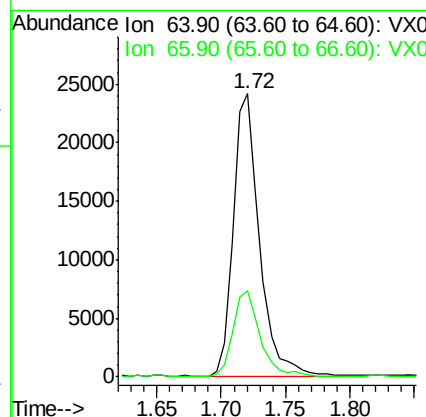
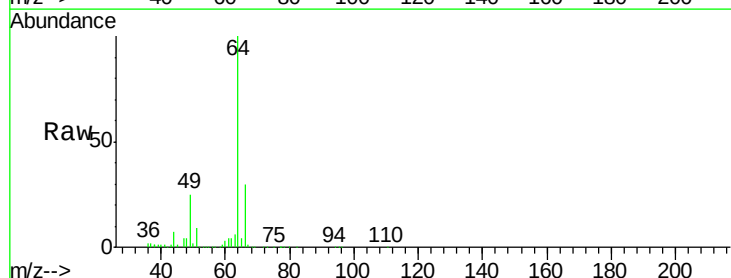
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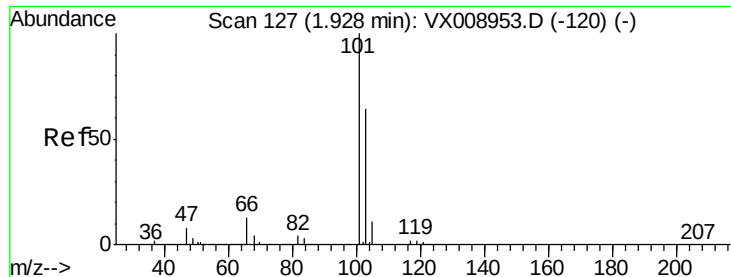
Tgt Ion: 64 Resp: 34687

Ion Ratio Lower Upper

64 100

66 30.4 24.2 36.2





#7

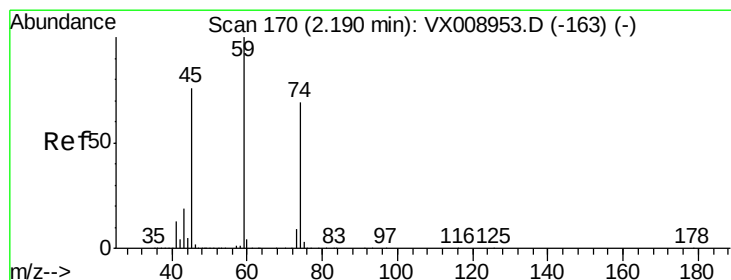
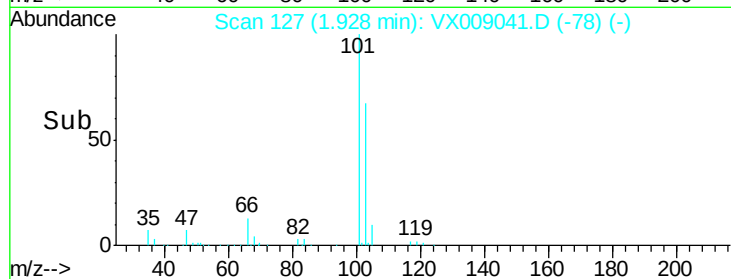
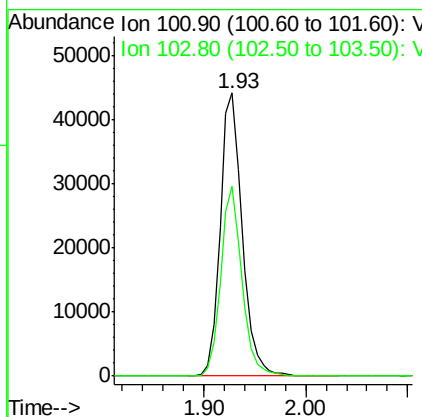
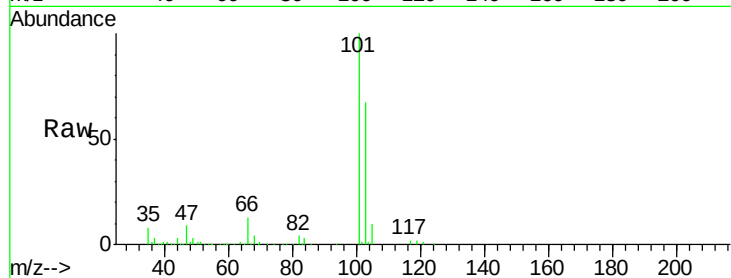
Trichlorofluoromethane
 Concen: 20.691 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009041.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.0	76.6

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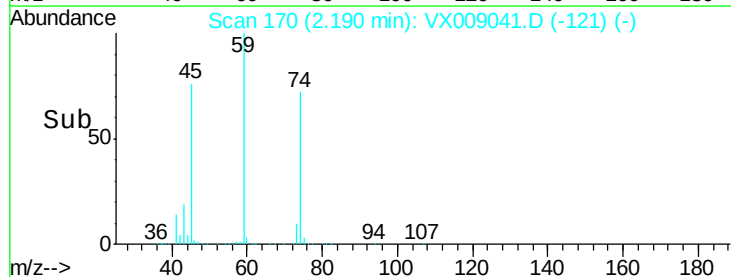
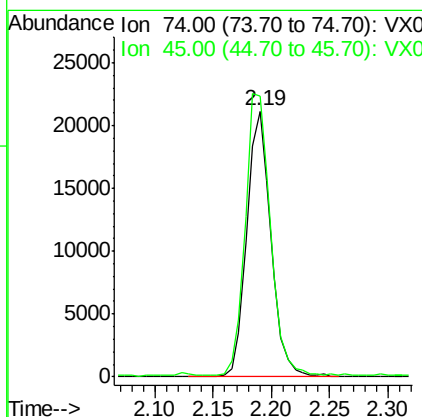
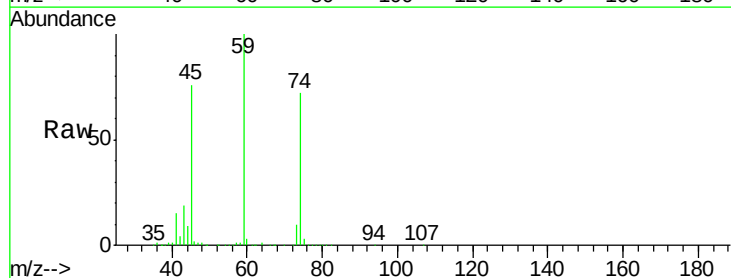
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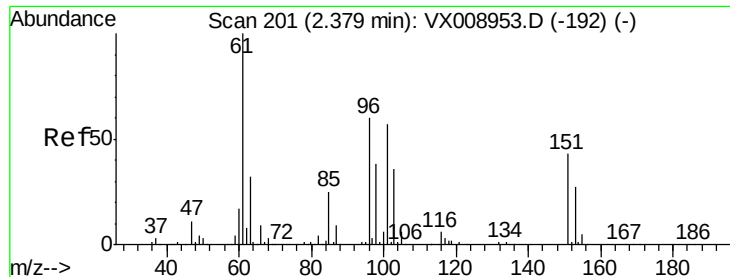


#8

Diethyl Ether
 Concen: 20.889 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.1	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.762 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

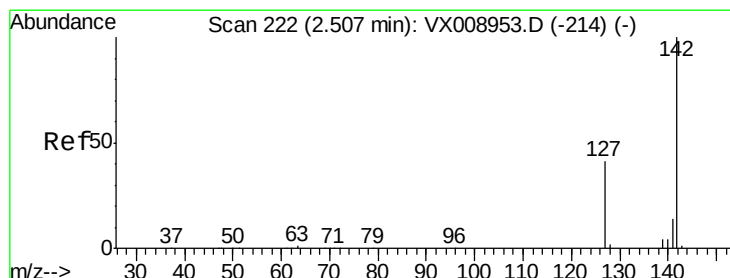
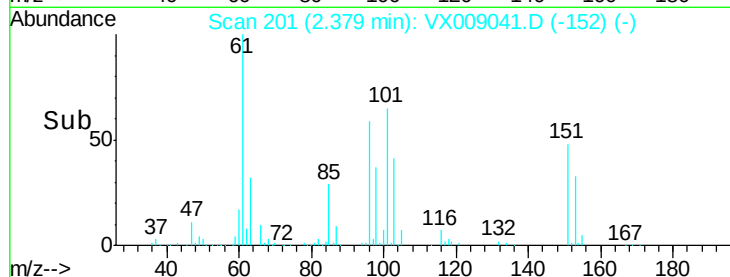
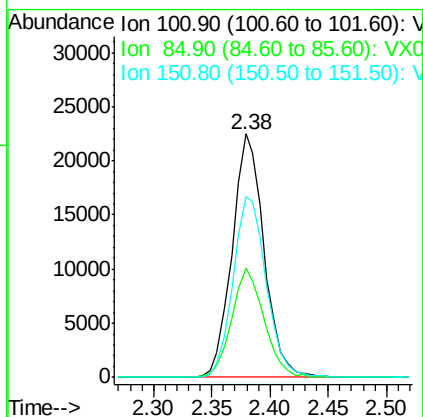
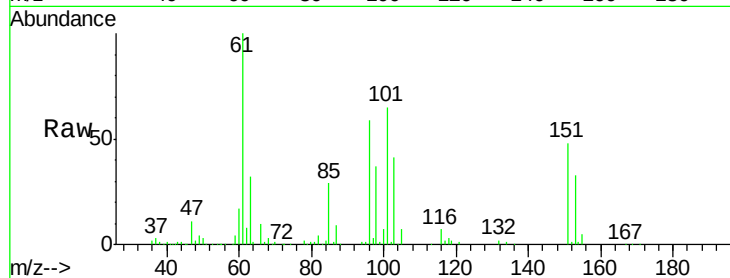
ClientSampleId :

VX0418WBSD01

Tot Ion:	101	Resp:	42800
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.7	53.5
151	77.4	62.7	94.1

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#10

Methyl Iodide

Concen: 22.455 ug/l

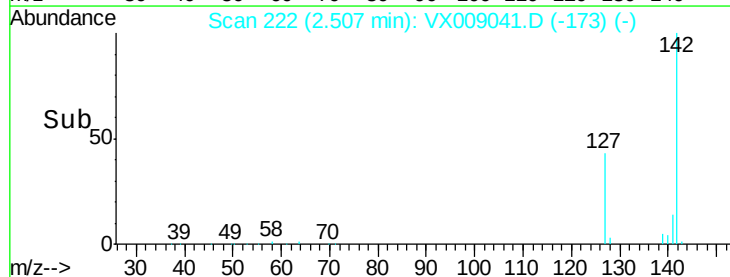
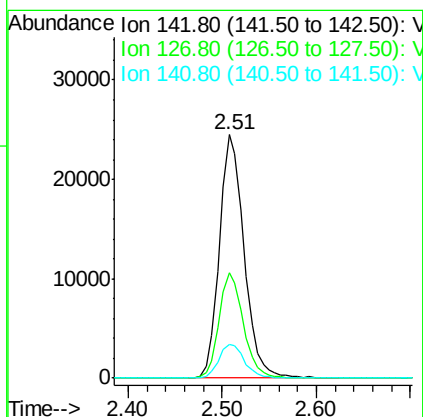
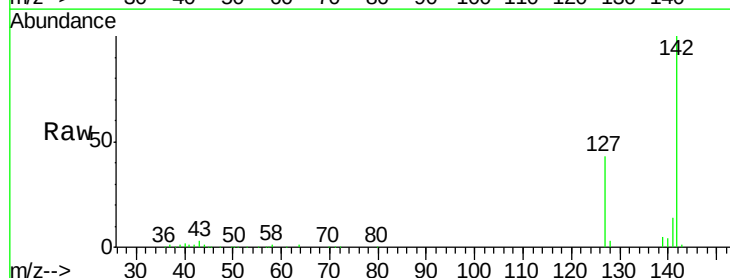
RT: 2.51 min Scan# 222

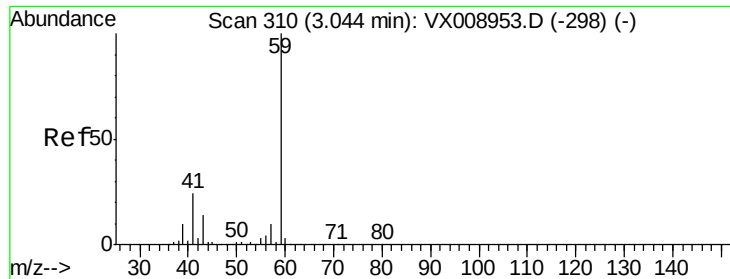
Delta R.T. 0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Tgt Ion:	142	Resp:	44601
Ion Ratio	Lower	Upper	
142	100		
127	42.5	32.8	49.2
141	14.4	11.4	17.2





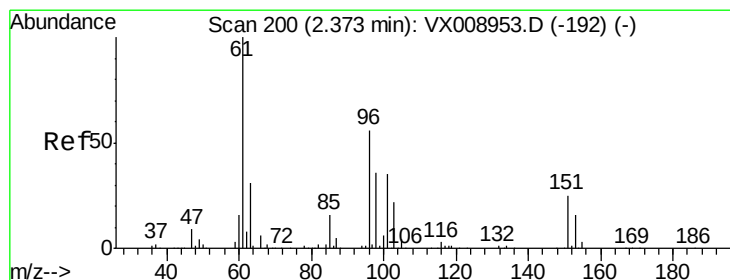
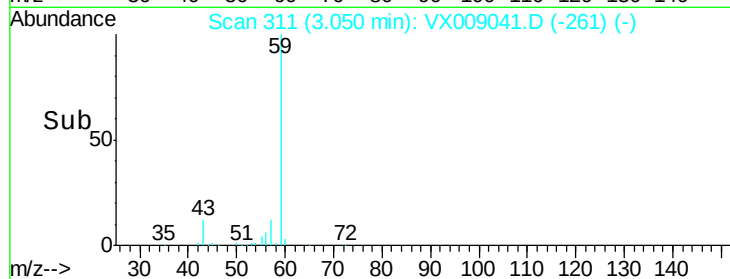
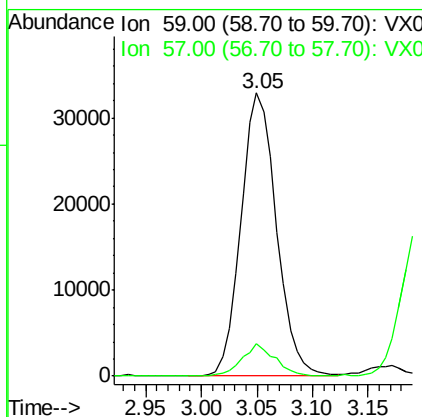
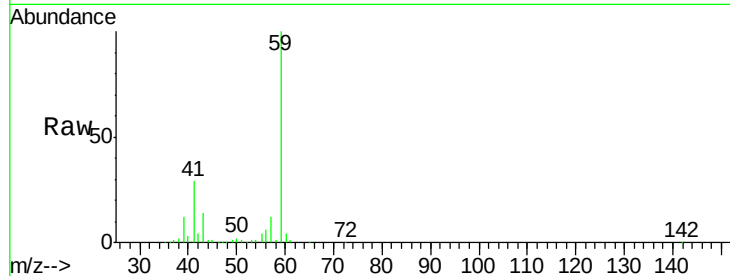
#11
Tert butyl alcohol
Concen: 116.317 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampled :
VX0418WBSD01

Tot Ion: 59 Resp: 73010
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

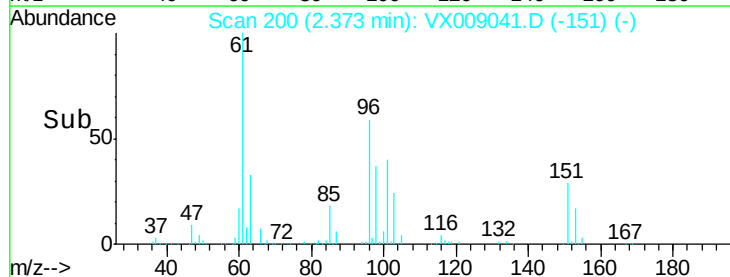
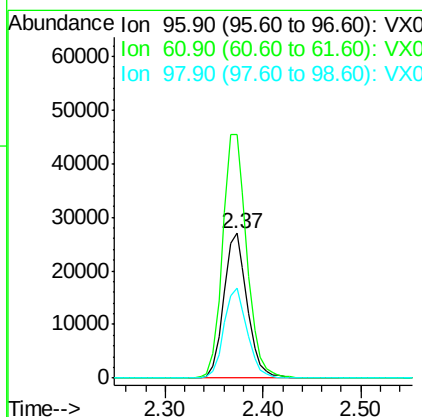
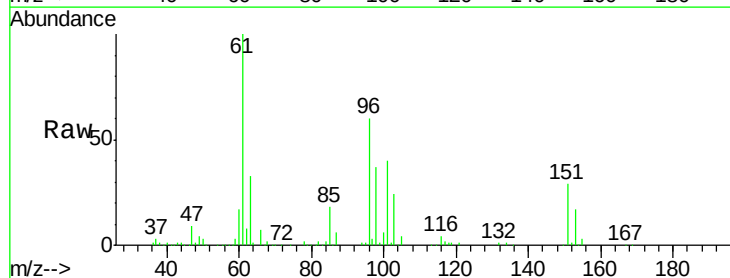
Manual Integrations
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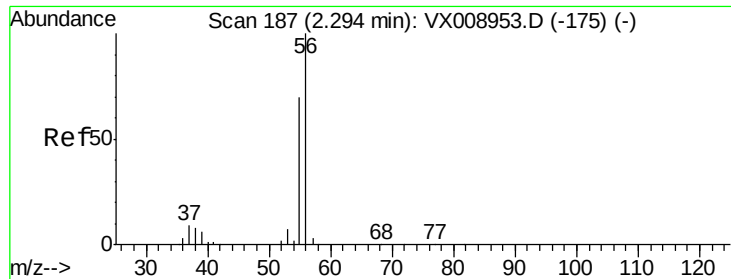
MMDadoda
4/19/2019 9:11:59 AM



#12
1,1-Dichloroethene
Concen: 20.792 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion: 96 Resp: 44738
Ion Ratio Lower Upper
96 100
61 167.9 142.2 213.2
98 61.8 50.9 76.3





#13

Acrolein

Concen: 74.936 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion: 56 Resp: 40641

Ion Ratio Lower Upper

56 100

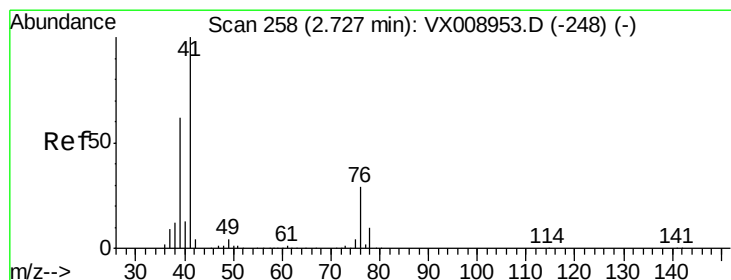
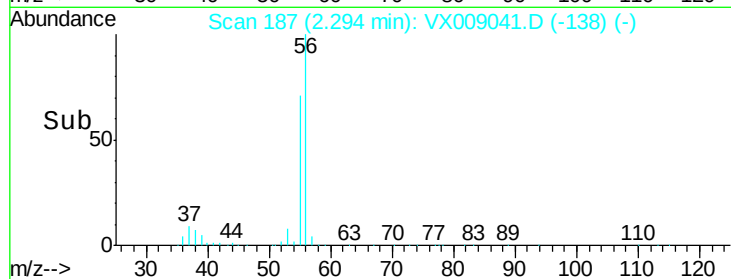
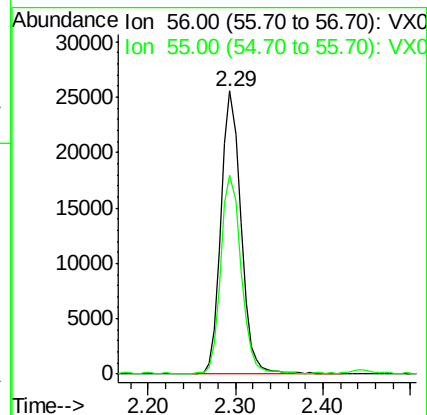
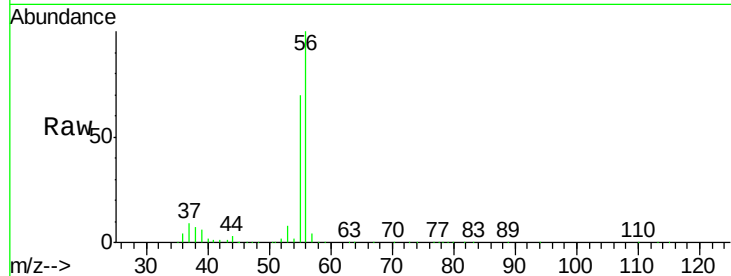
55 70.7 56.6 84.8

Manual Integrations

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#14

Allyl chloride

Concen: 21.577 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

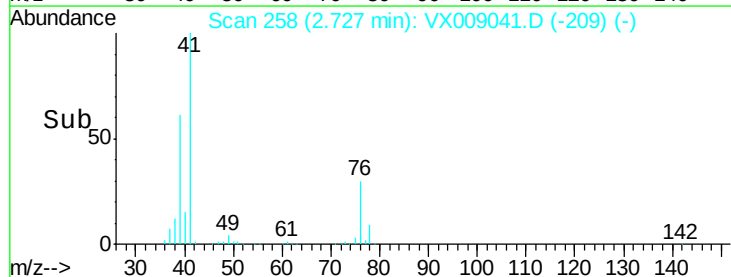
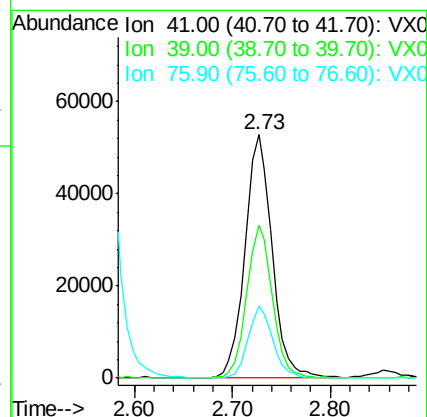
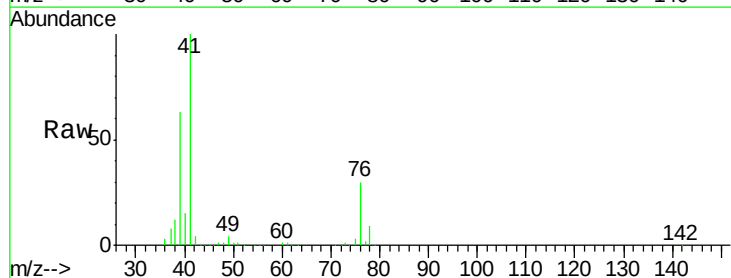
Tgt Ion: 41 Resp: 101291

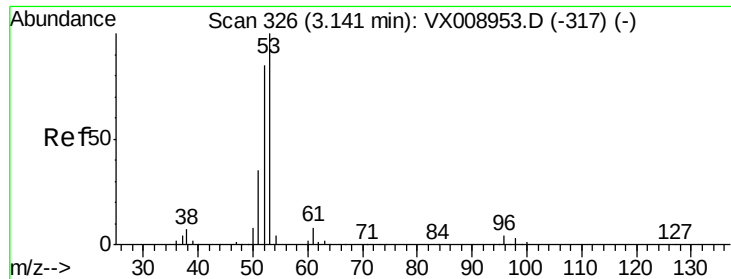
Ion Ratio Lower Upper

41 100

39 60.3 46.7 70.1

76 26.6 22.0 33.0





#15

Acrylonitrile

Concen: 113.580 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

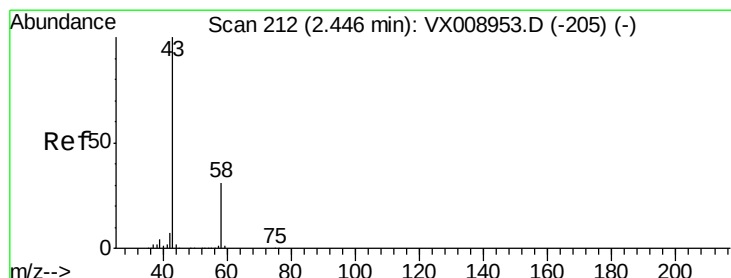
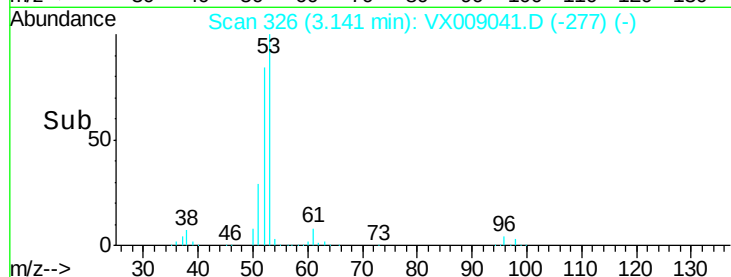
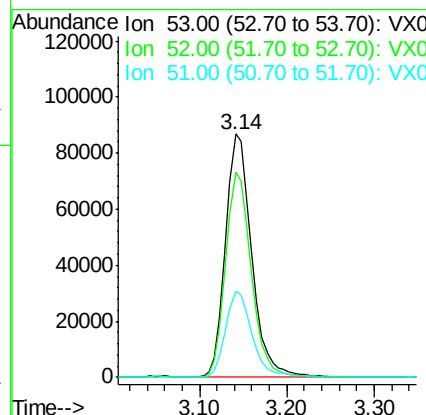
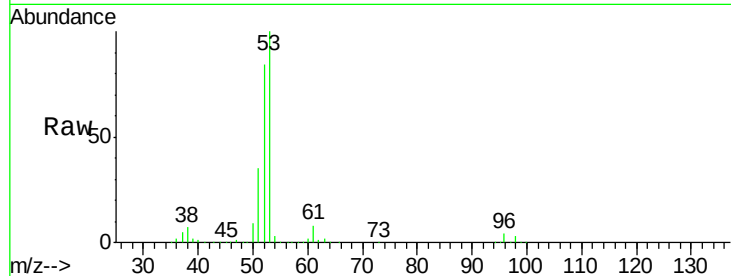
ClientSampleId :

VX0418WBSD01

Tot Ion:	53	Resp:	180974
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	100.0
51	35.5	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 108.328 ug/l

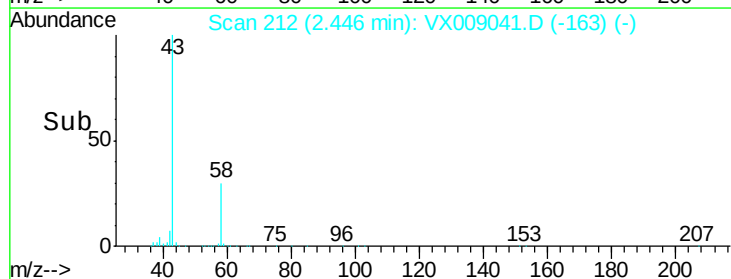
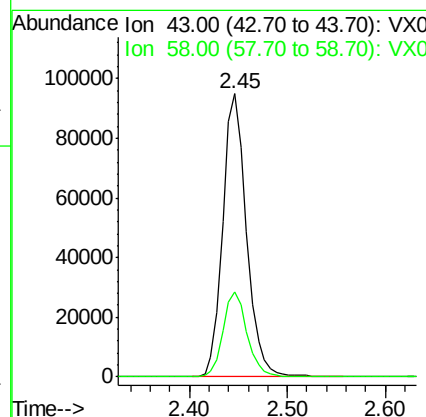
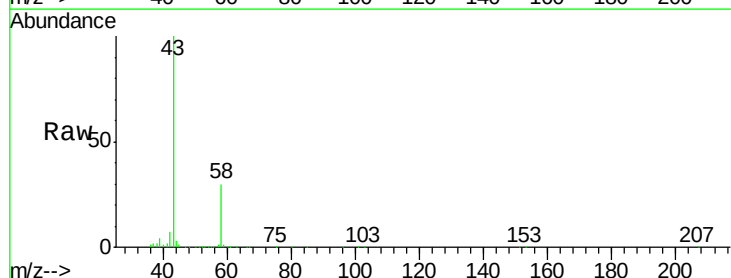
RT: 2.45 min Scan# 212

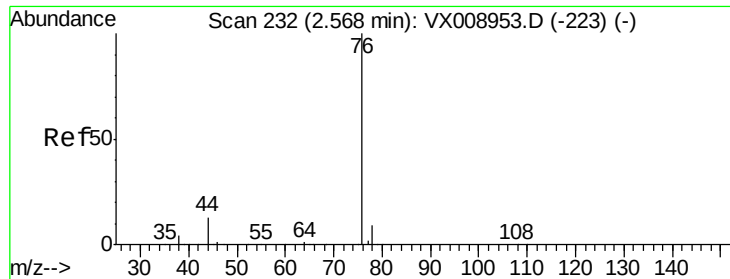
Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Tgt Ion:	43	Resp:	158852
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.8	37.2





#17

Carbon Disulfide

Concen: 20.396 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion: 76 Resp: 124153

Ion Ratio Lower Upper

76 100

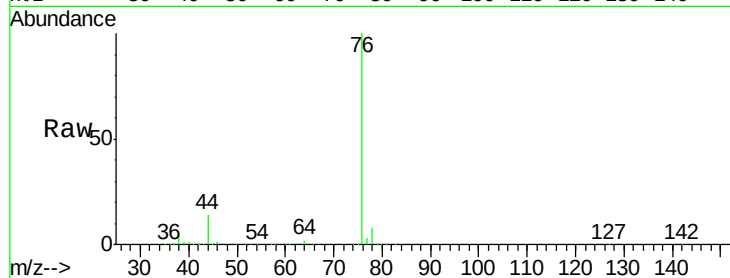
78 8.5 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

80000

60000

40000

20000

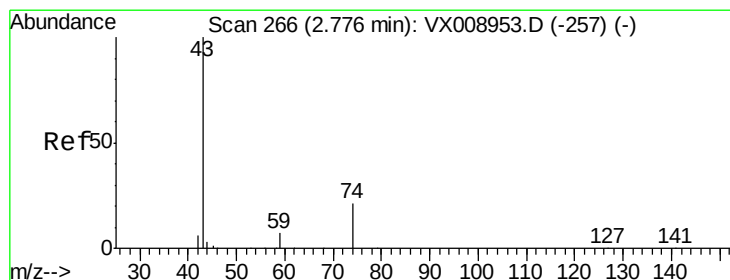
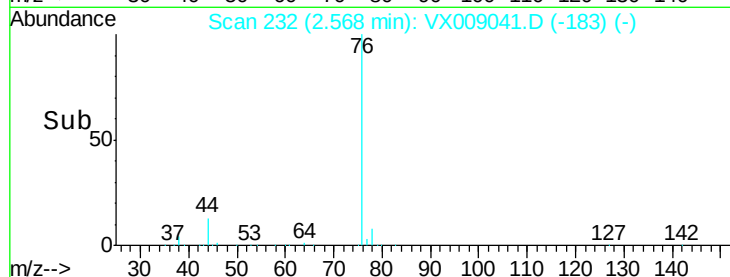
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 22.732 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009041.D

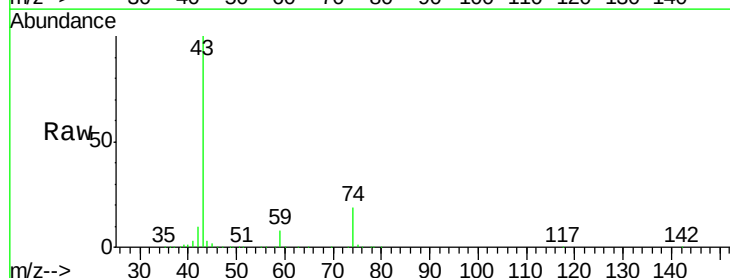
Acq: 18 Apr 2019 14:11

Tgt Ion: 43 Resp: 83196

Ion Ratio Lower Upper

43 100

74 19.8 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

50000

40000

30000

20000

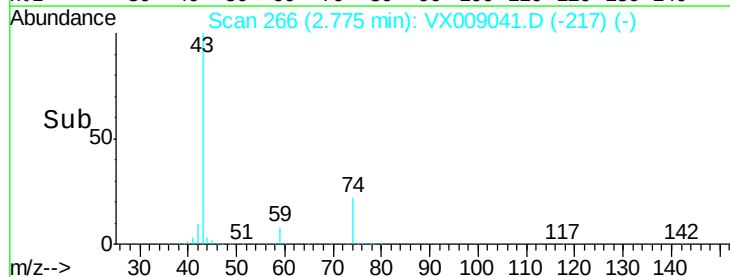
10000

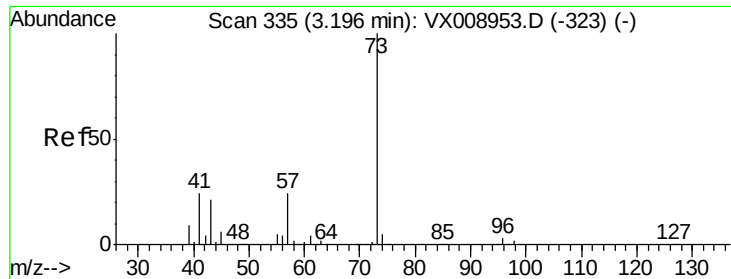
0

Time-->

2.70

2.80





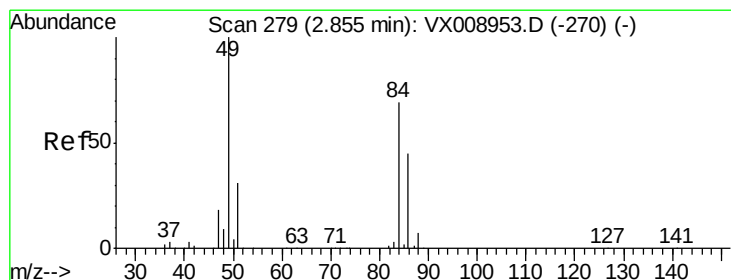
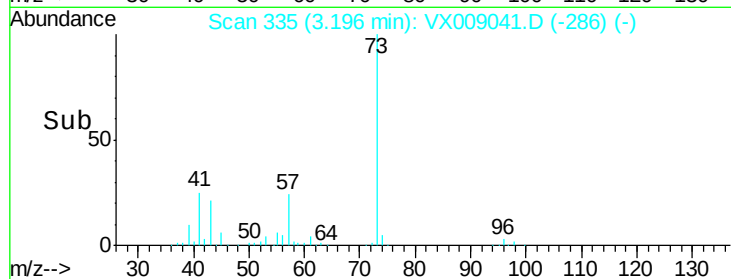
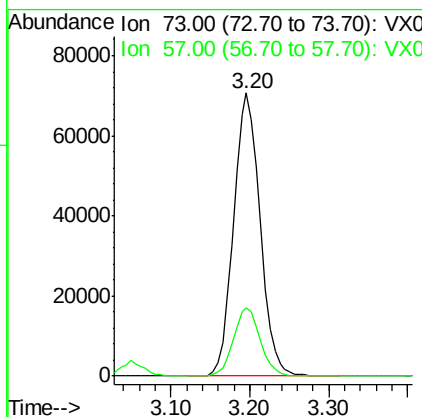
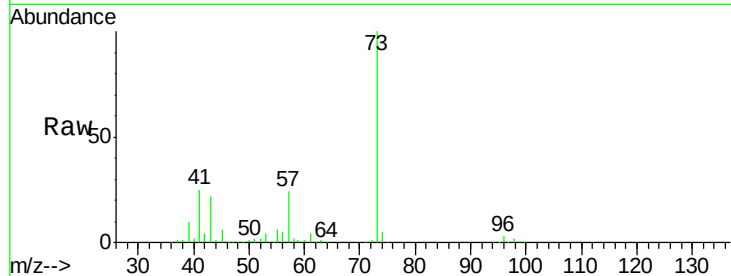
#19
Methyl tert-butyl Ether
Concen: 21.494 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion: 73 Resp: 164792
Ion Ratio Lower Upper
73 100
57 24.2 19.2 28.8

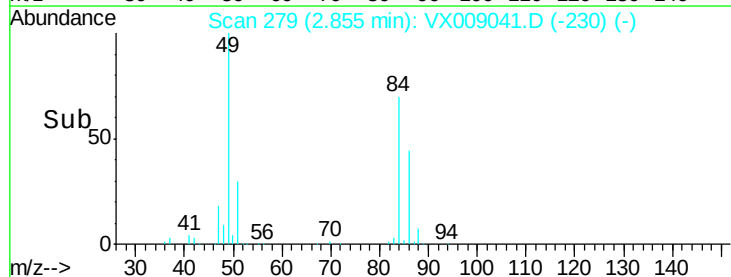
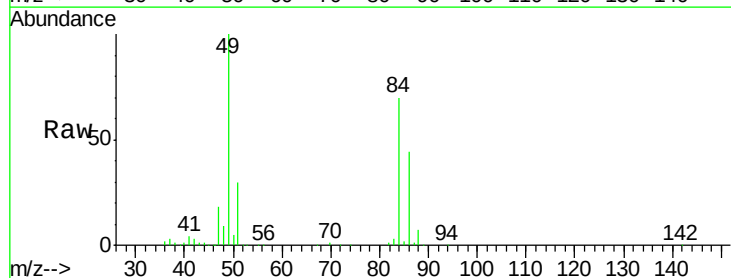
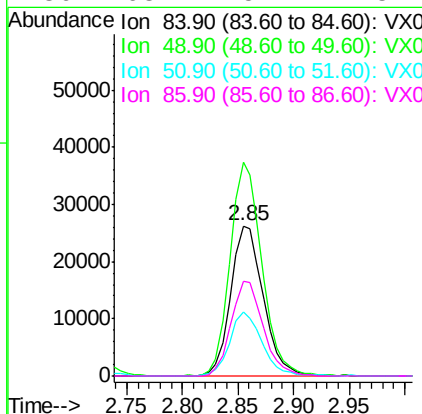
Manual Integrations
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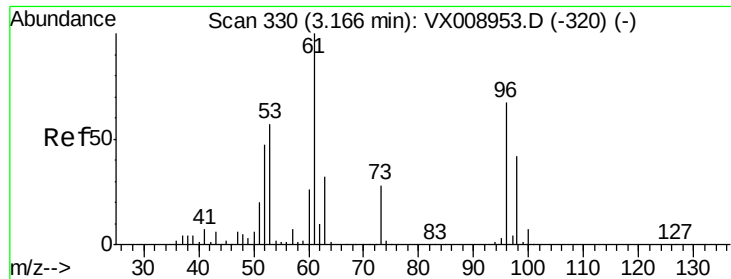
MMDadoda
4/19/2019 9:11:59 AM



#20
Methylene Chloride
Concen: 21.165 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion: 84 Resp: 53076
Ion Ratio Lower Upper
84 100
49 142.2 115.4 173.0
51 42.4 35.8 53.6
86 63.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.127 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

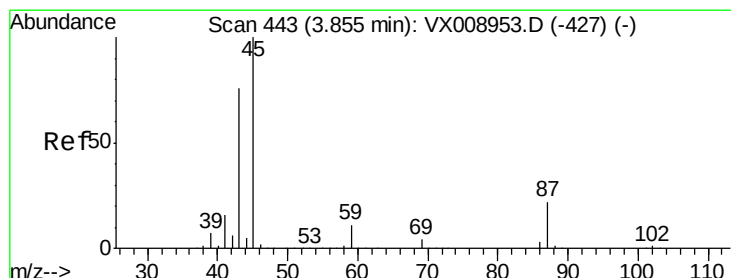
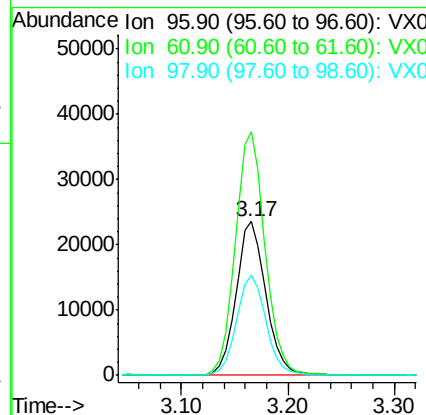
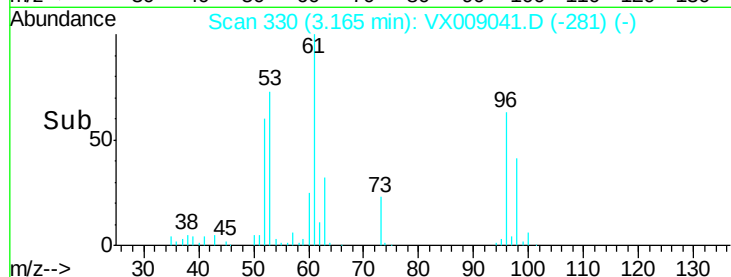
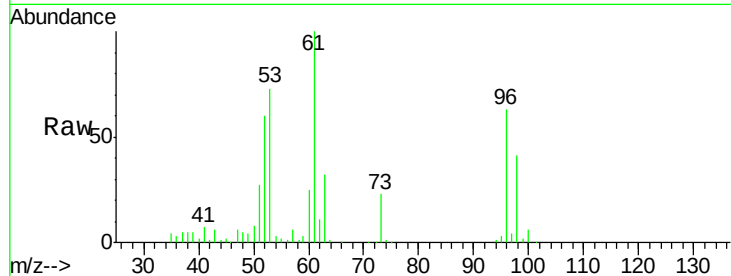
ClientSampleId :

VX0418WBSD01

Tot Ion:	96	Resp:	46193
Ion	Ratio	Lower	Upper
96	100		
61	158.6	120.3	180.5
98	65.0	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.252 ug/l

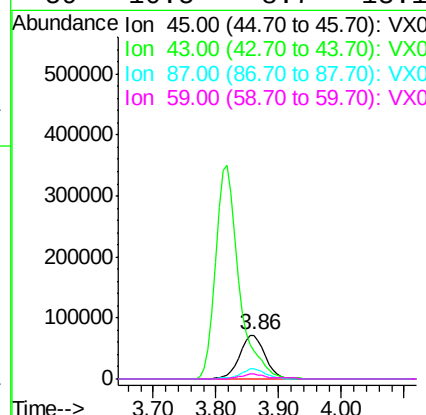
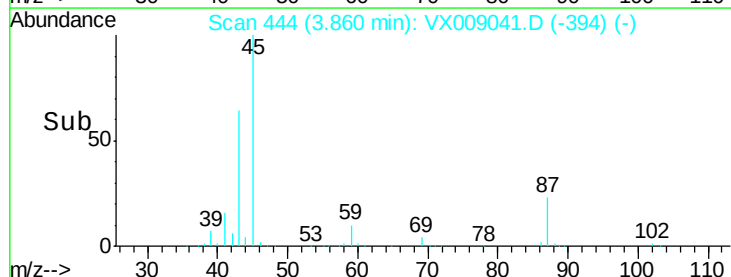
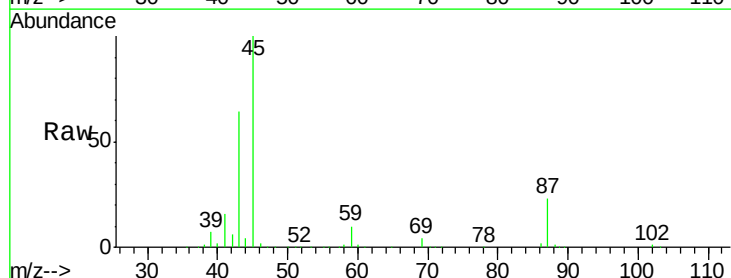
RT: 3.86 min Scan# 444

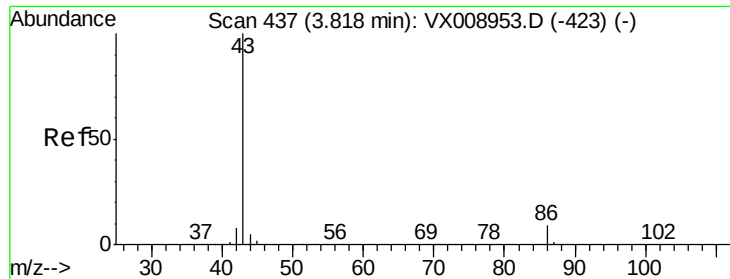
Delta R.T. 0.01 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Tgt Ion:	45	Resp:	202988
Ion	Ratio	Lower	Upper
45	100		
43	64.1	60.6	91.0
87	22.6	17.8	26.8
59	10.5	8.7	13.1





#23

Vinyl Acetate

Concen: 112.111 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion: 43 Resp: 898985

Ion Ratio Lower Upper

43 100

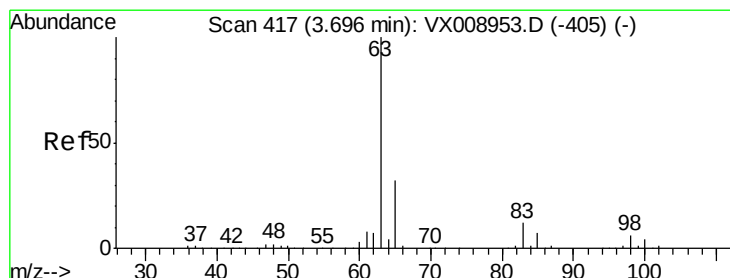
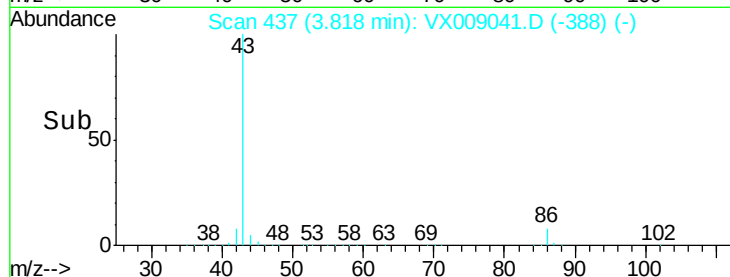
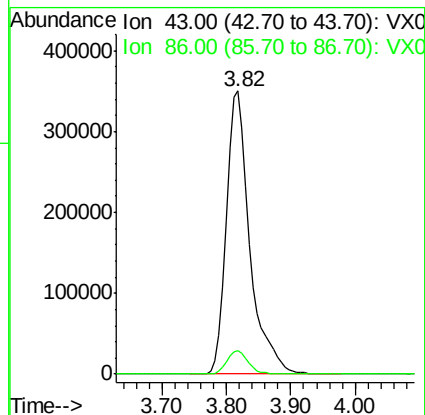
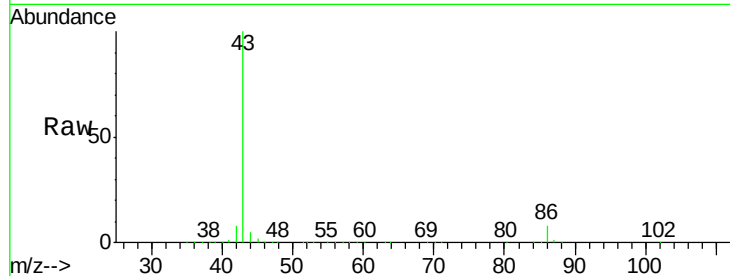
86 8.5 7.1 10.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.188 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

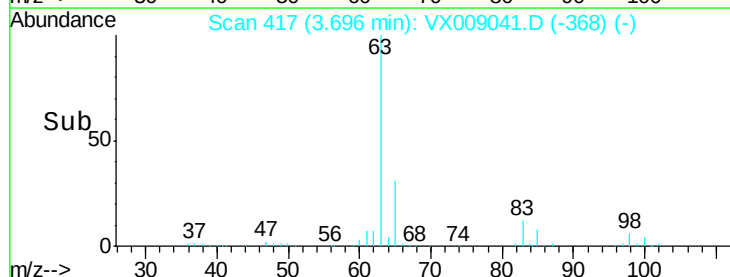
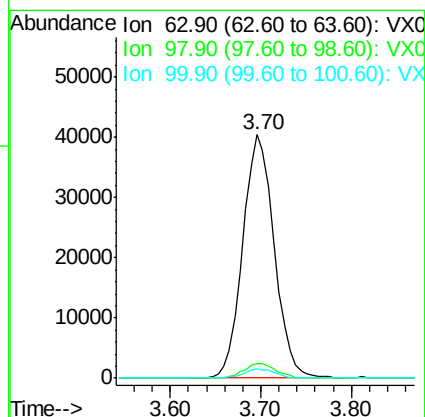
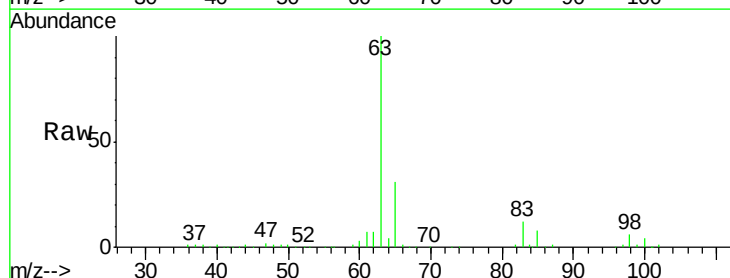
Tgt Ion: 63 Resp: 97023

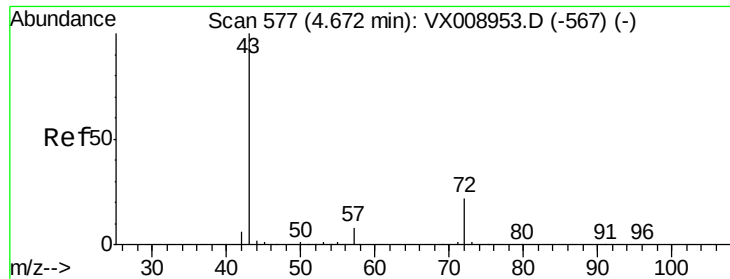
Ion Ratio Lower Upper

63 100

98 6.1 3.1 9.3

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 115.379 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion: 43 Resp: 270440

Ion Ratio Lower Upper

43 100

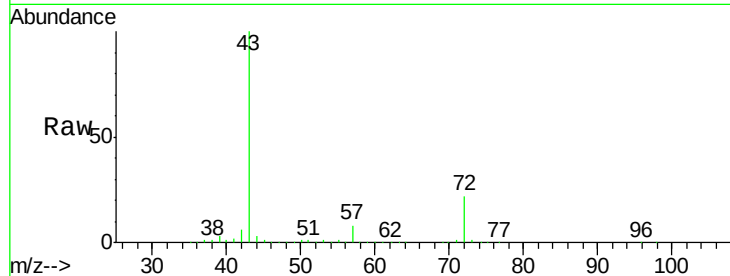
72 22.1 17.5 26.3

Manual Integrations

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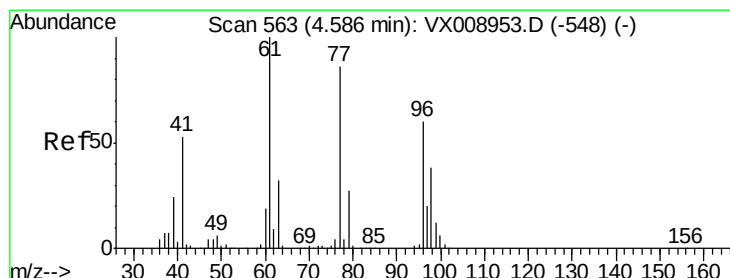
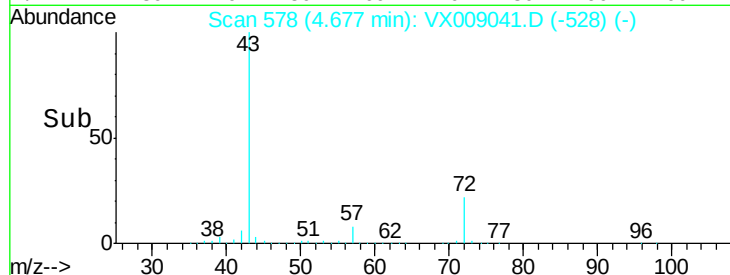
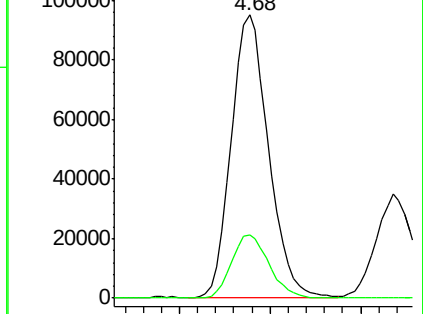
MMDadoda

4/19/2019 9:11:59 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.569 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009041.D

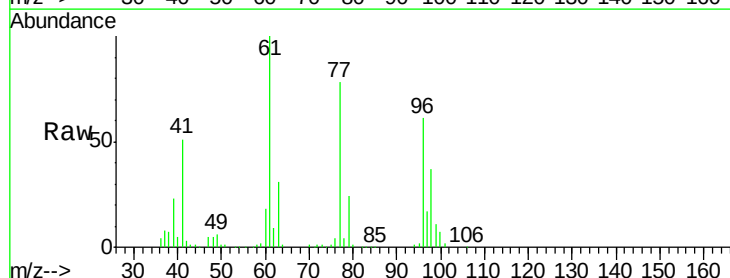
Acq: 18 Apr 2019 14:11

Tgt Ion: 77 Resp: 63737

Ion Ratio Lower Upper

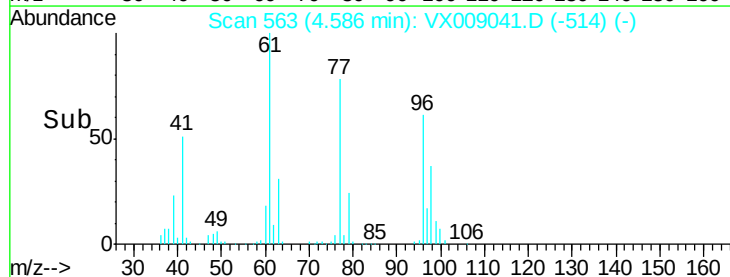
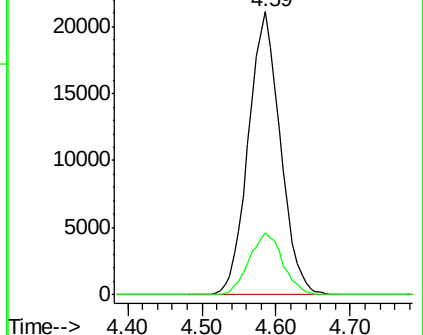
77 100

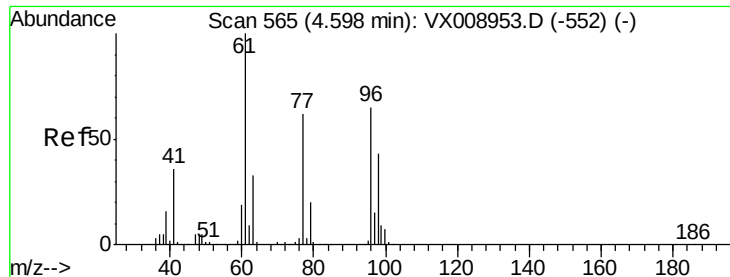
97 22.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

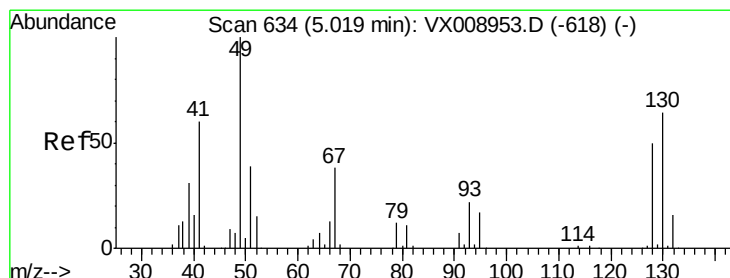
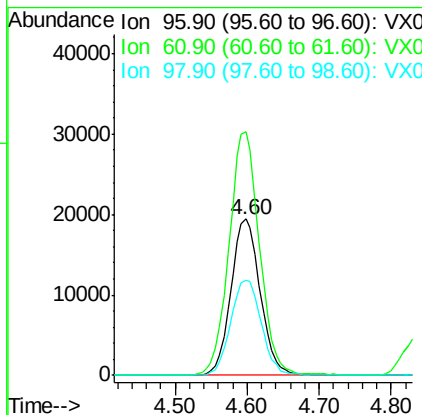
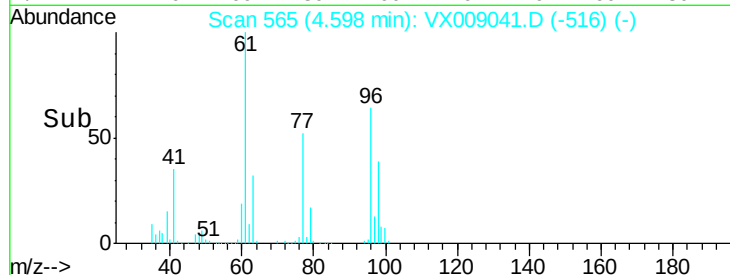
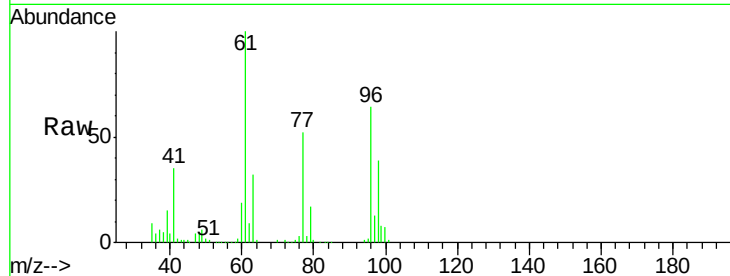
cis-1,2-Dichloroethene
Concen: 21.147 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.2	0.0	322.0
98	63.8	0.0	128.4

Manual Integrations
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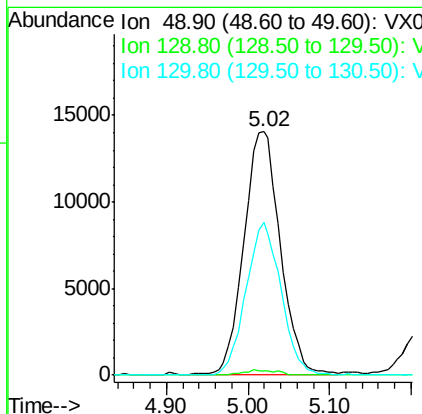
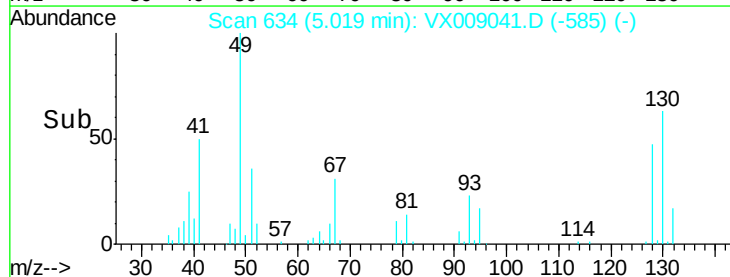
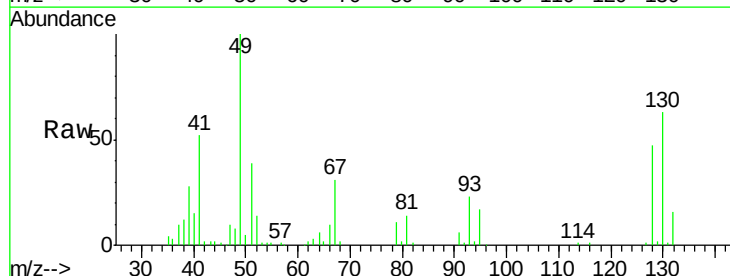
MMDadoda
4/19/2019 9:11:59 AM

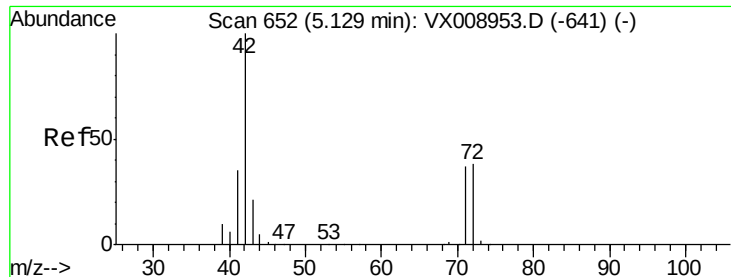


#28

Bromochloromethane
Concen: 22.012 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	59.9	50.4	75.6





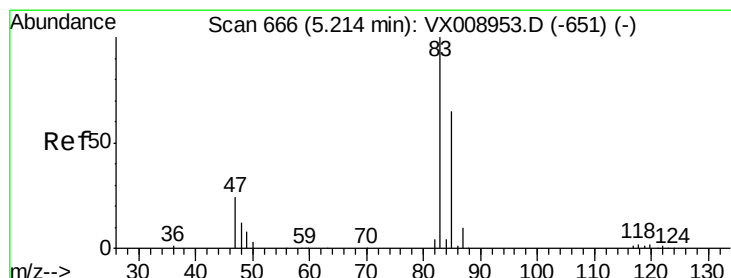
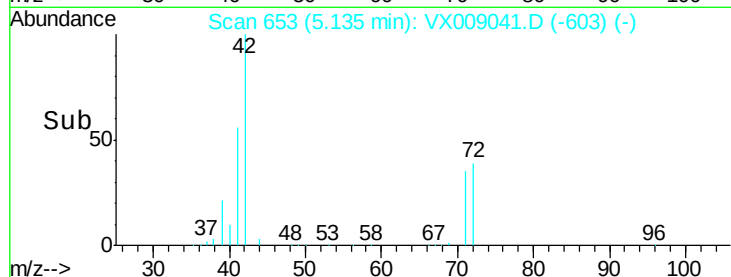
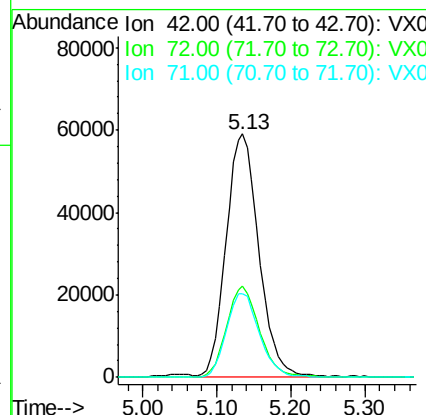
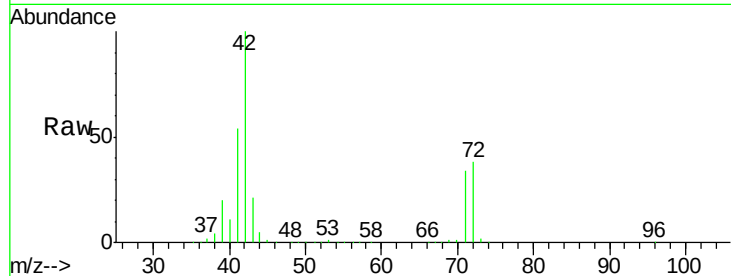
#29
Tetrahydrofuran
Concen: 115.253 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.7	30.6	45.8
71	35.0	28.8	43.2

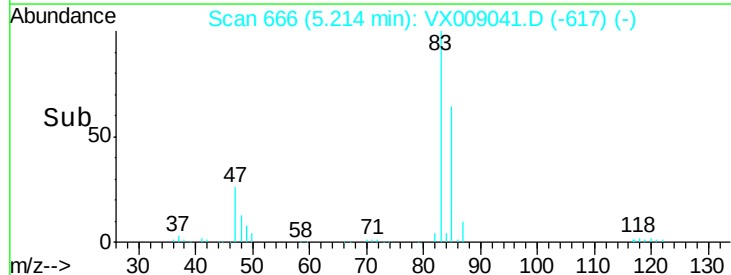
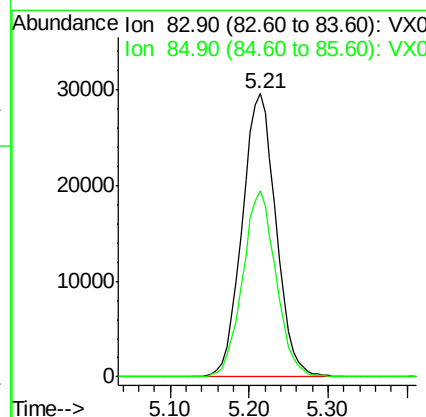
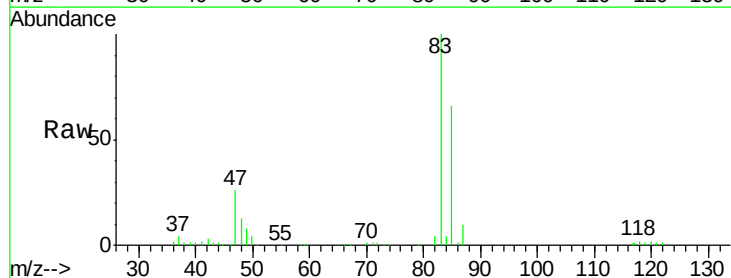
Manual Integrations
APPROVED

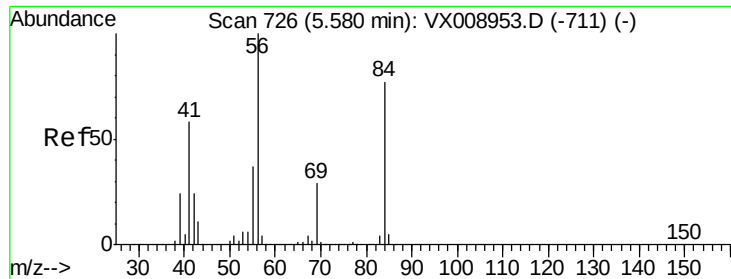
MMDadoda
4/19/2019 9:11:59 AM



#30
Chloroform
Concen: 21.516 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.9	77.9





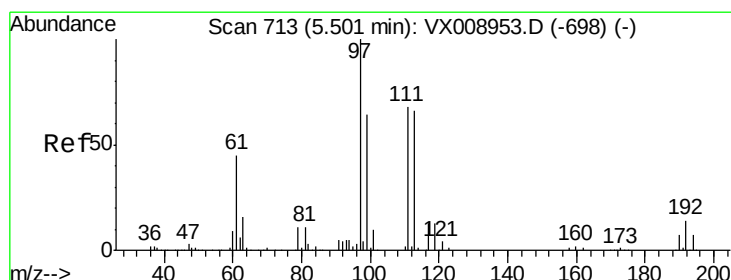
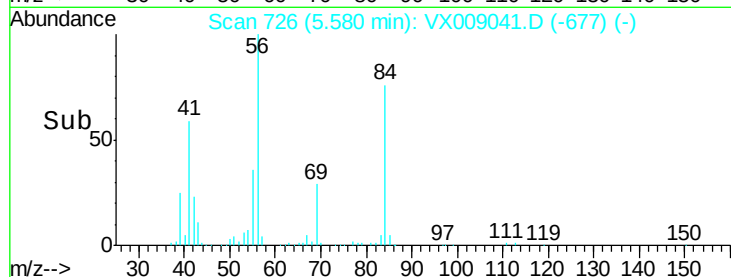
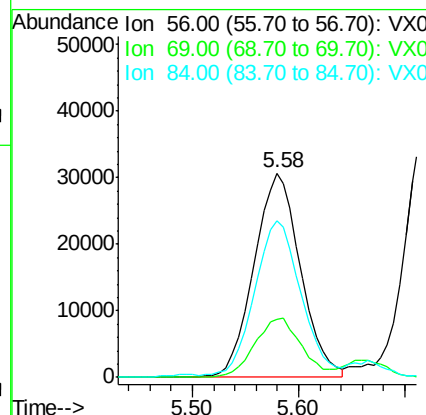
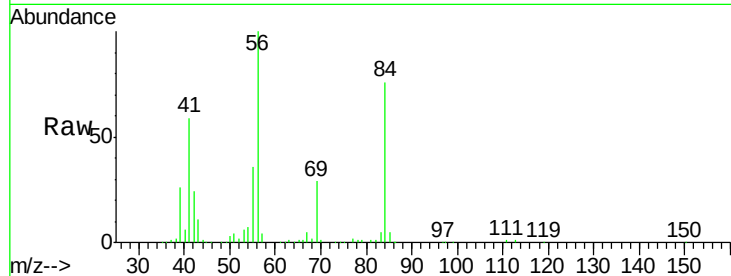
#31
Cyclohexane
Concen: 20.724 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.3	34.9
84	75.1	61.7	92.5

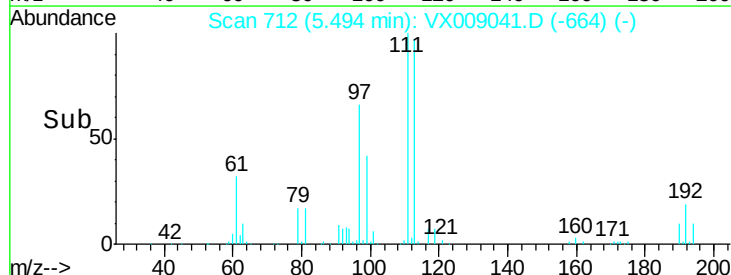
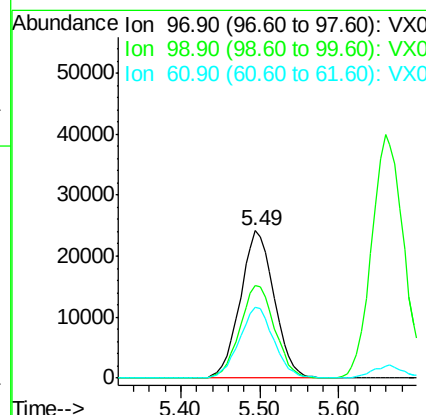
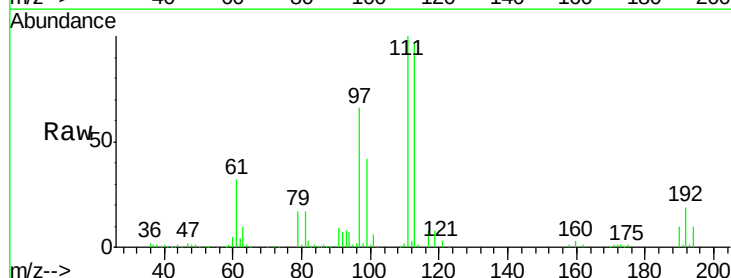
Manual Integrations
APPROVED

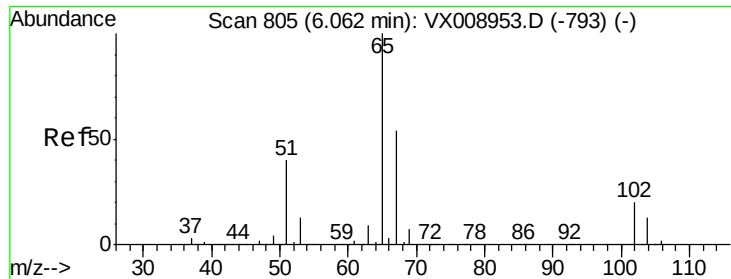
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#32
1,1,1-Trichloroethane
Concen: 21.315 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	48.7	37.9	56.9





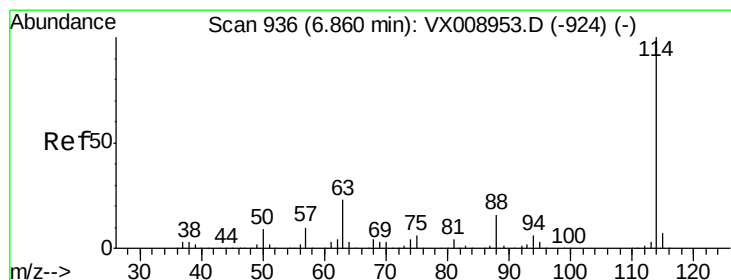
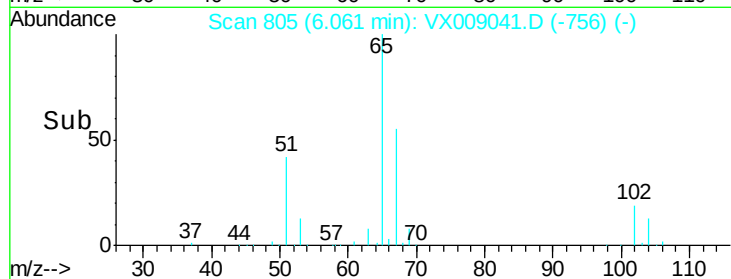
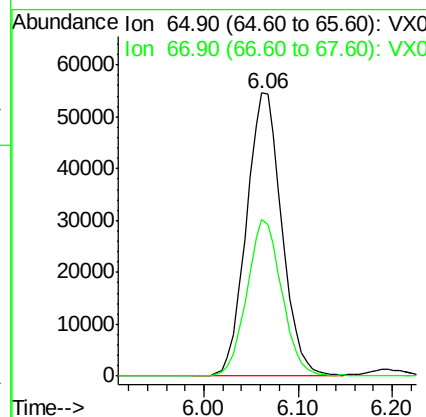
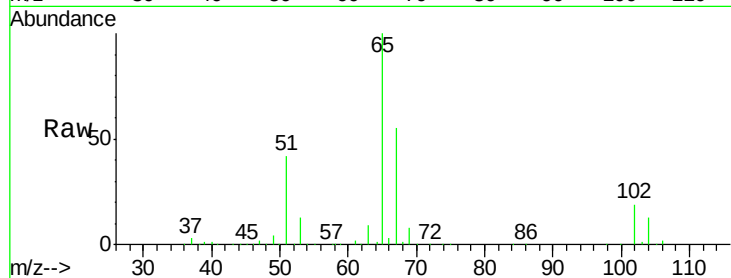
#33
 1,2-Dichloroethane-d4
 Concen: 50.781 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	143596		
67	54.4	0.0	108.6	

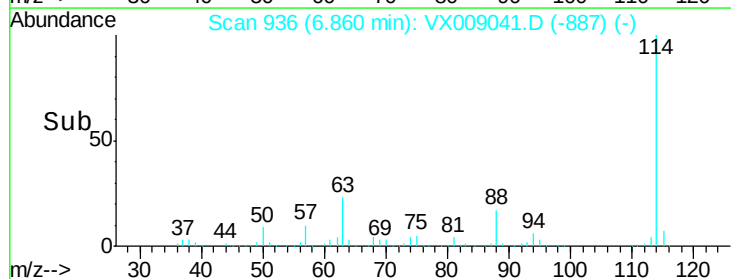
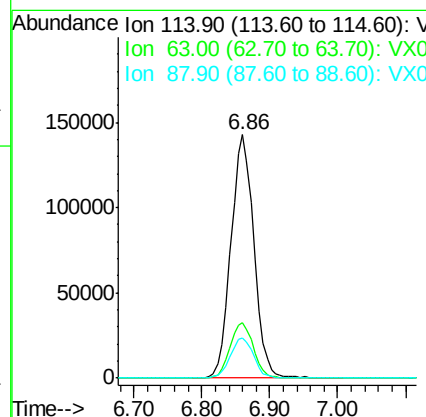
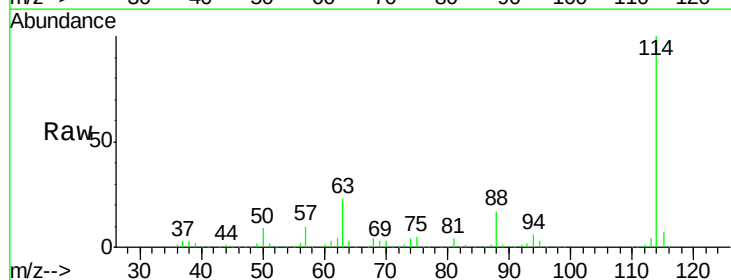
Manual Integrations
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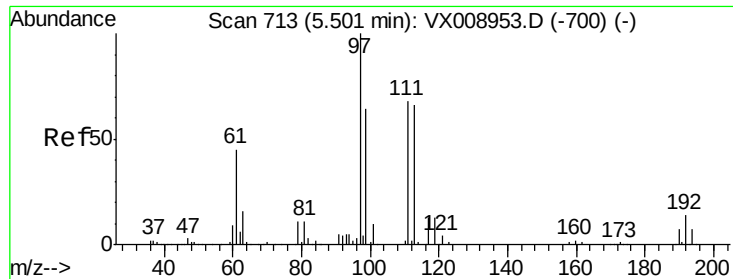
MMDadoda
 4/19/2019 9:11:59 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	333335		
63	23.0	0.0	46.0	
88	16.6	0.0	32.6	





#35

Dibromofluoromethane

Concen: 49.429 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

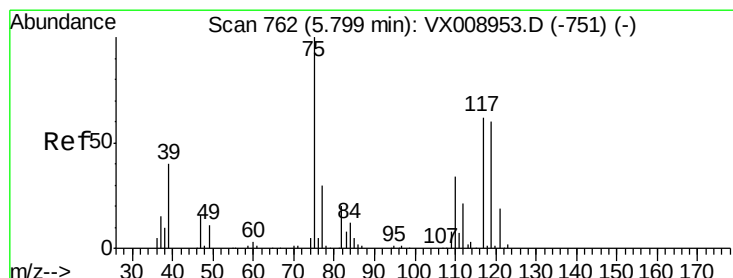
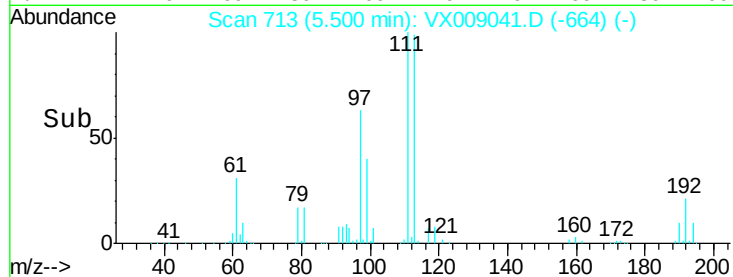
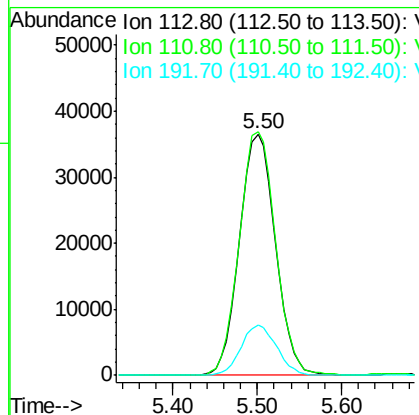
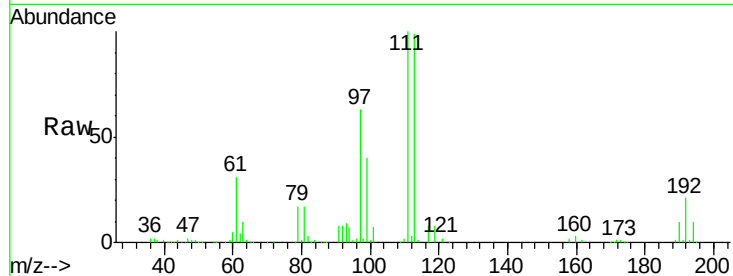
ClientSampleId :

VX0418WBSD01

Tot Ion:	113	Resp:	105742
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.9	124.3
192	20.6	17.4	26.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.438 ug/l

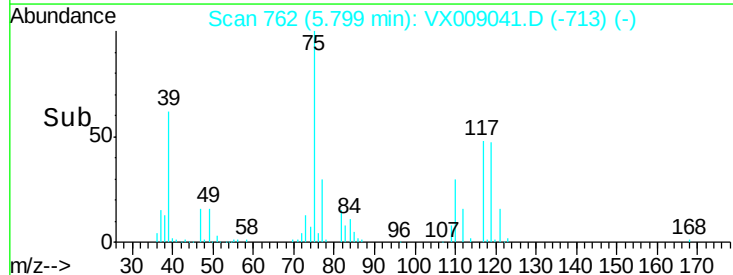
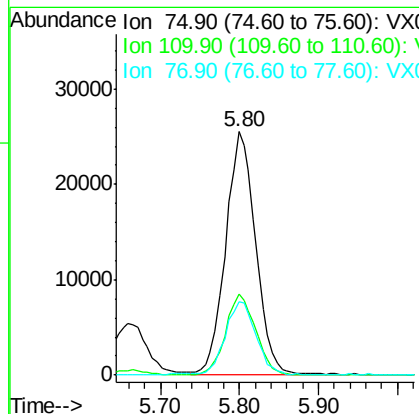
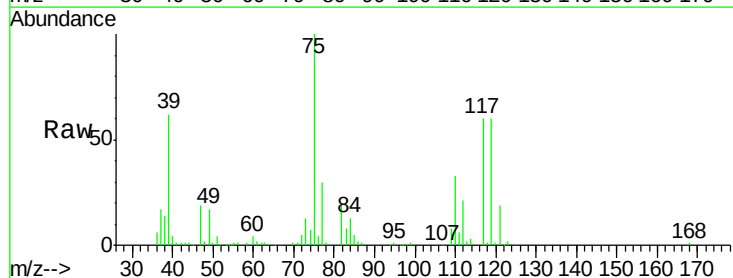
RT: 5.80 min Scan# 762

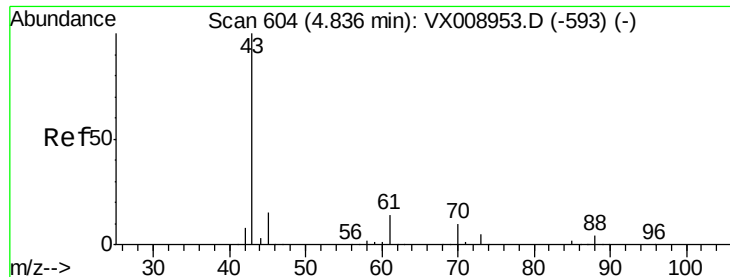
Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Tgt Ion:	75	Resp:	67009
Ion Ratio	Lower	Upper	
75	100		
110	33.9	16.9	50.7
77	31.3	25.0	37.4





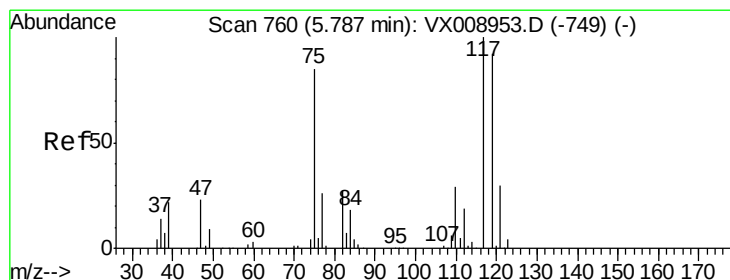
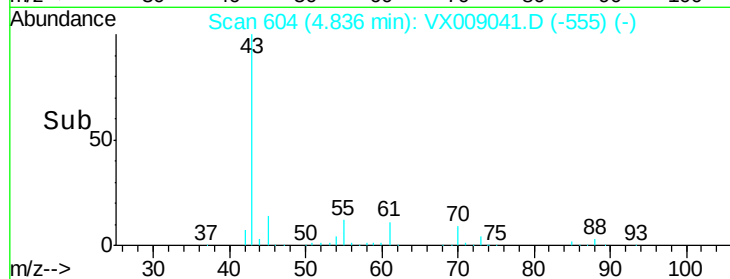
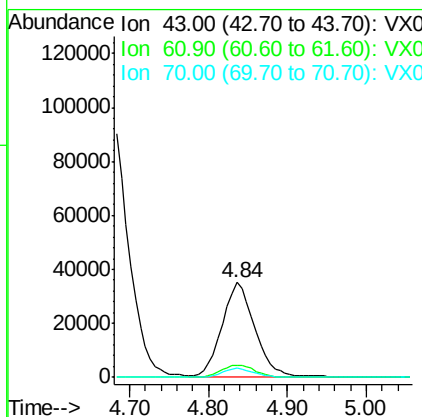
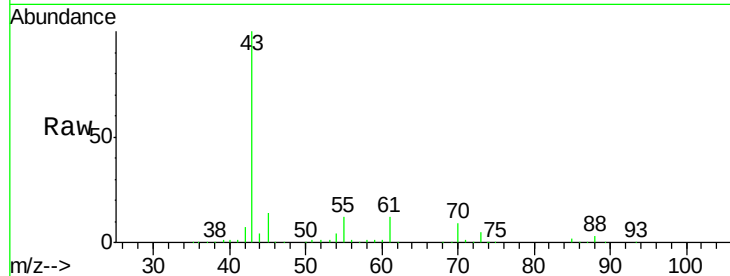
#37
Ethyl Acetate
Concen: 22.655 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.6	15.8
70	9.5	7.7	11.5

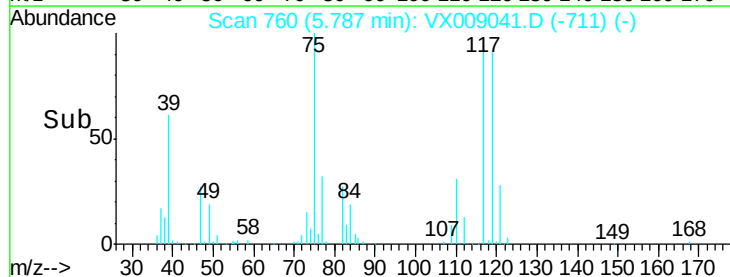
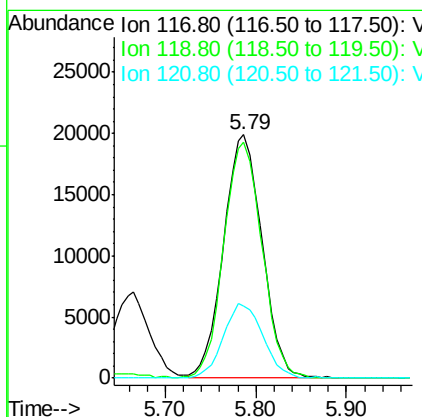
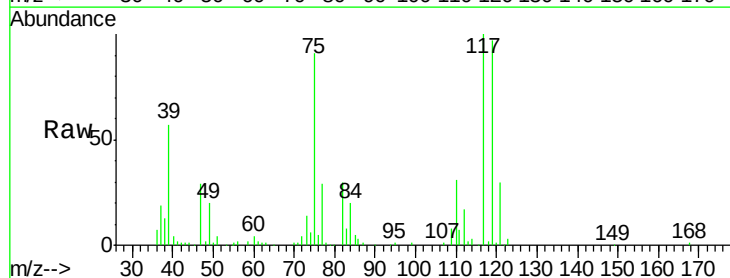
Manual Integrations
APPROVED

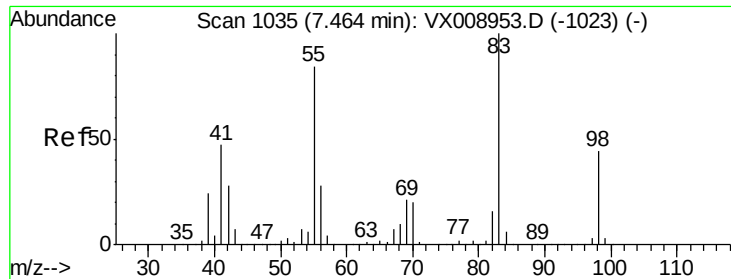
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#38
Carbon Tetrachloride
Concen: 20.095 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.8	110.8
121	29.6	23.6	35.4





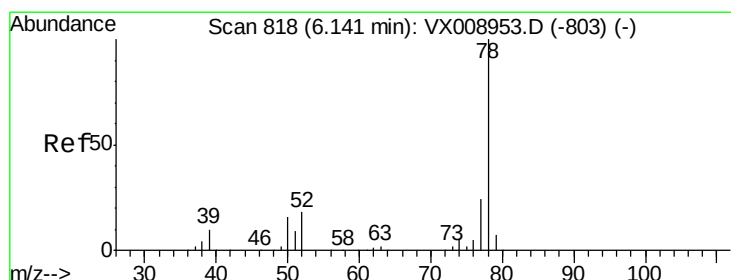
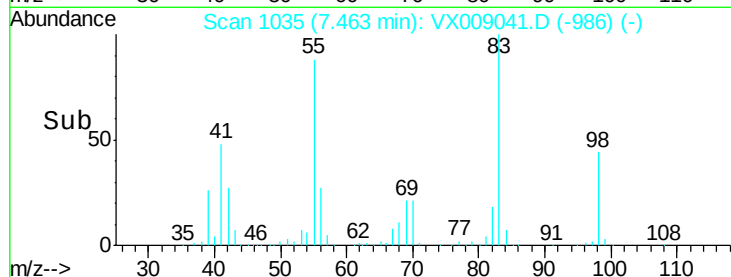
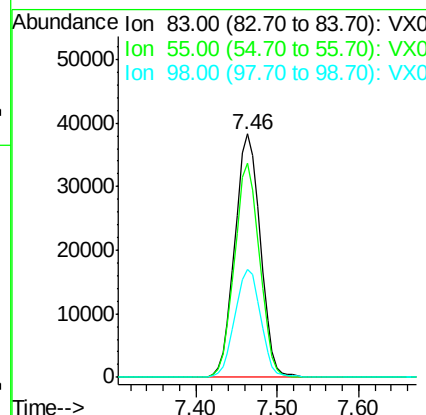
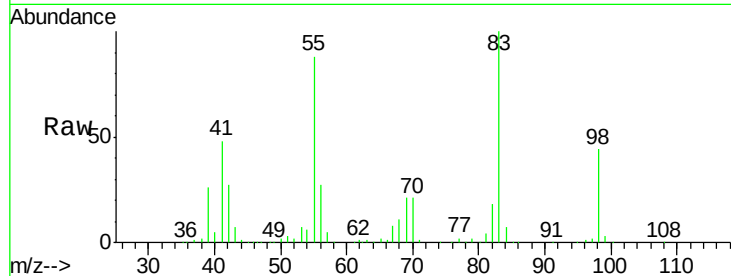
#39
Methylvlcyclohexane
Concen: 19.708 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	83	Resp	82720
Ion Ratio	100	Lower	Upper
83	100		
55	87.8	67.1	100.7
98	44.3	35.1	52.7

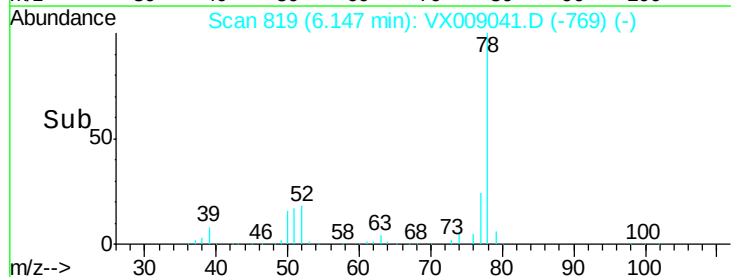
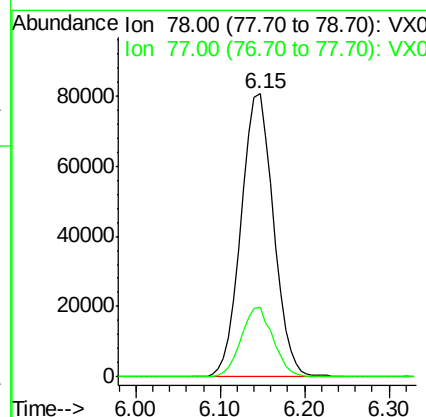
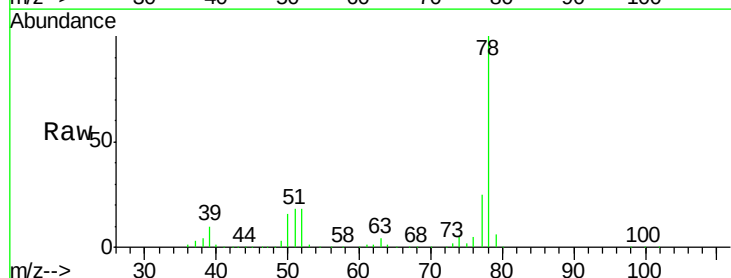
Manual Integrations
APPROVED

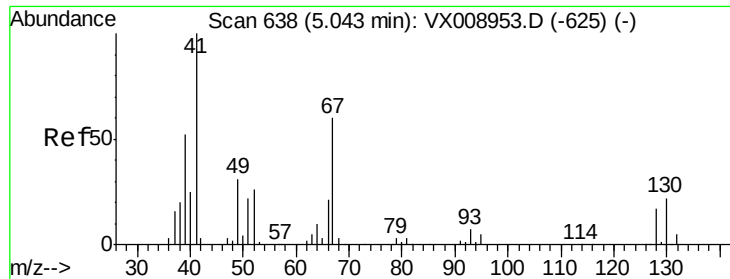
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#40
Benzene
Concen: 20.688 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	78	Resp	210403
Ion Ratio	100	Lower	Upper
78	100		
77	24.8	19.0	28.6





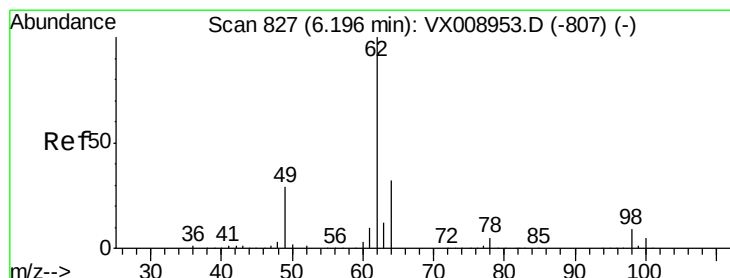
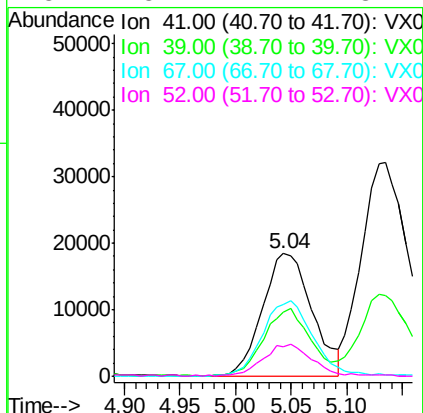
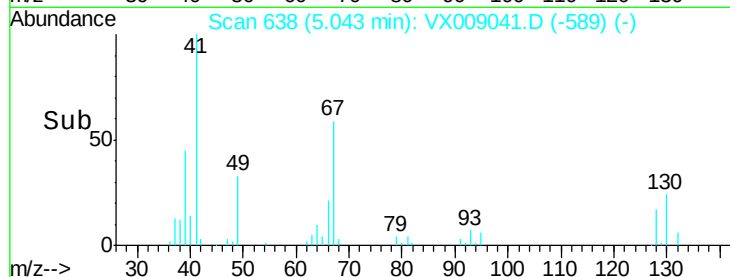
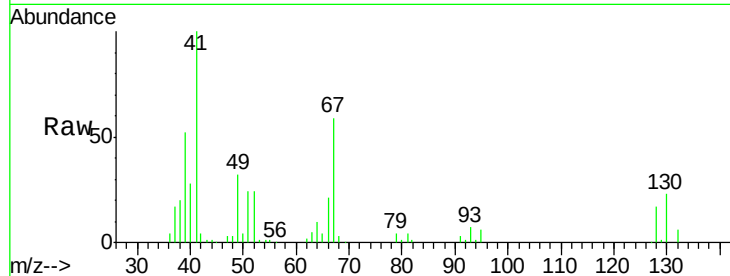
#41
Methacrylonitrile
Concen: 22.376 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.2	41.8	62.6	
67	63.0	50.2	75.4	
52	25.1	21.1	31.7	

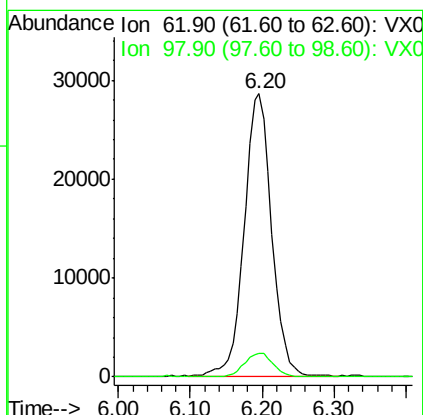
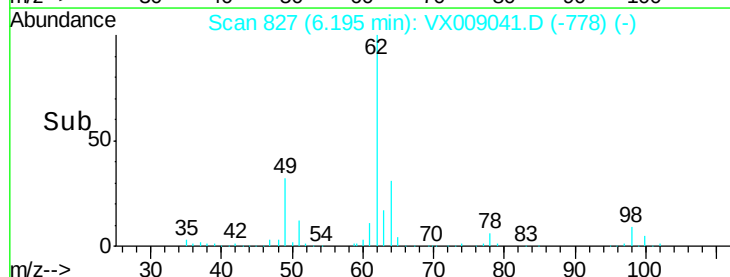
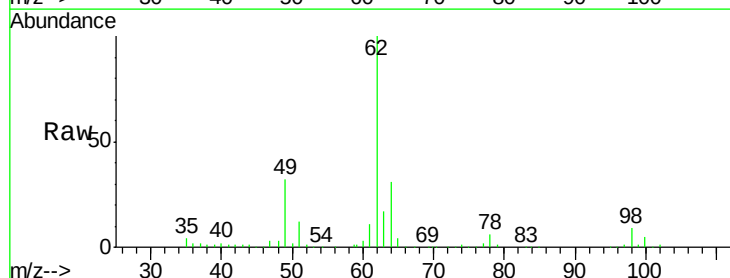
Manual Integrations
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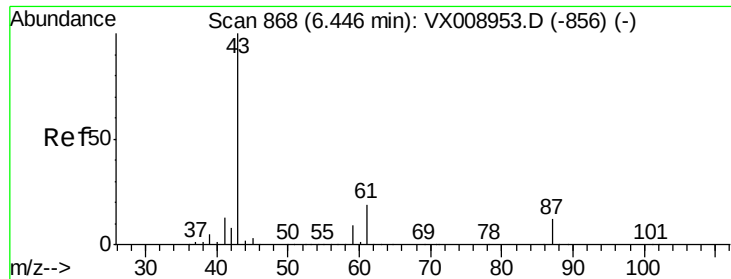
MMDadoda
4/19/2019 9:11:59 AM



#42
1,2-Dichloroethane
Concen: 20.844 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.4	





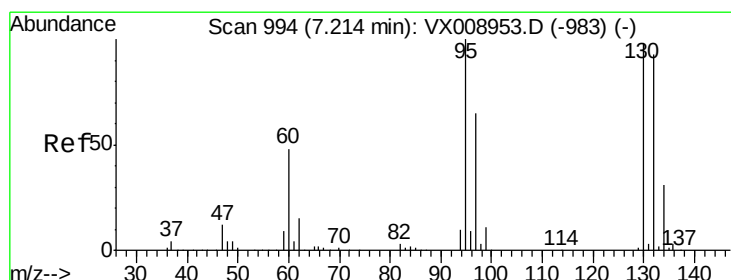
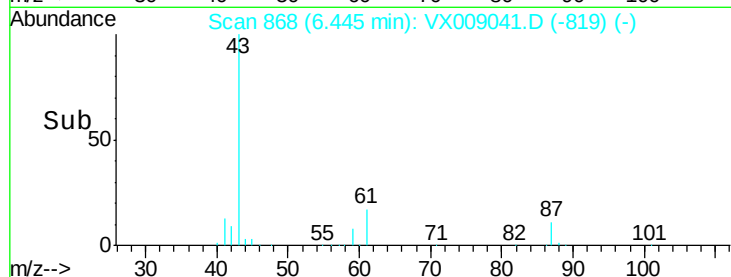
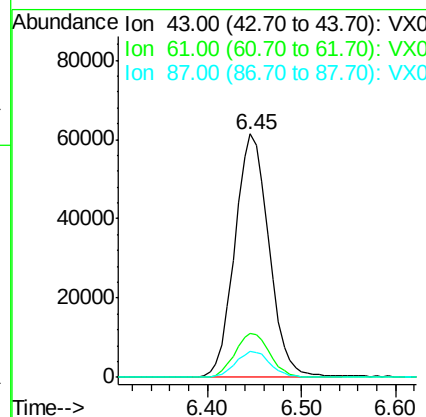
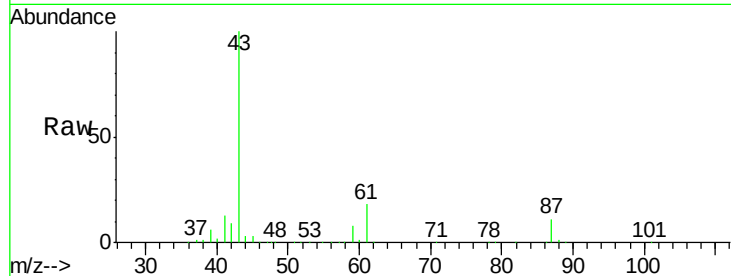
#43
Isopropyl Acetate
Concen: 21.587 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	10.9	9.0	13.4

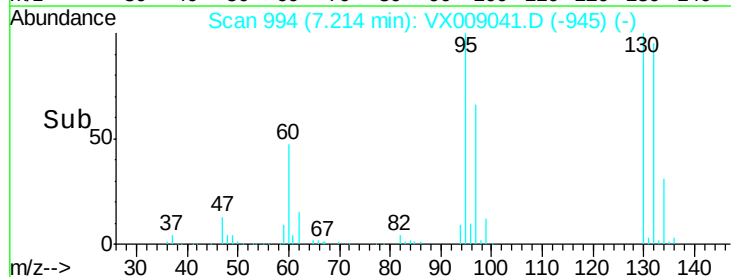
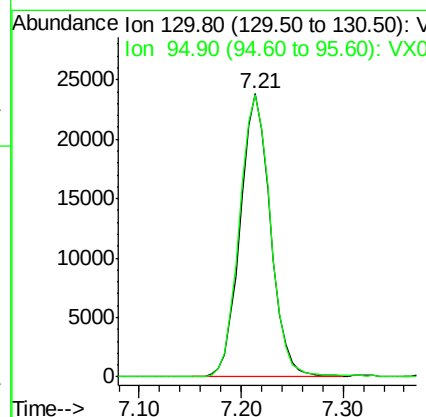
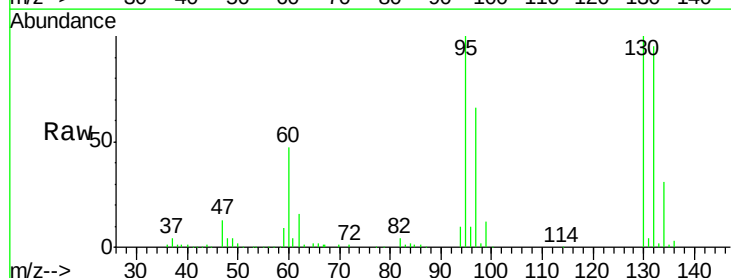
Manual Integrations
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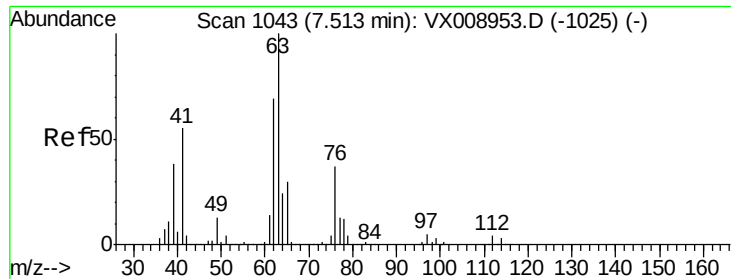
MMDadoda
4/19/2019 9:11:59 AM



#44
Trichloroethene
Concen: 19.696 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	203.2





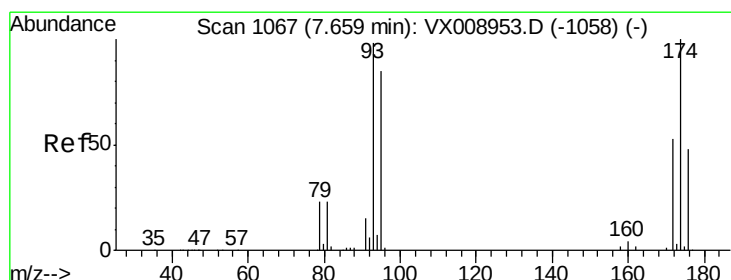
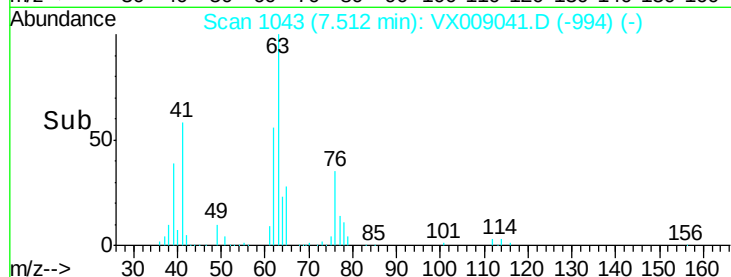
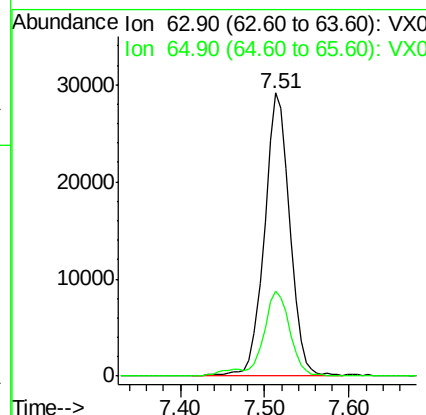
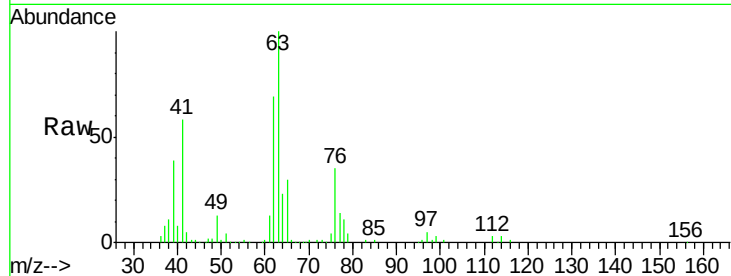
#45
 1,2-Dichloropropane
 Concen: 21.449 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Tot Ion: 63 Resp: 60516
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.1 36.1

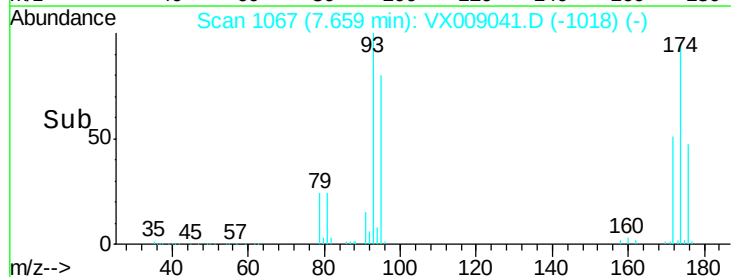
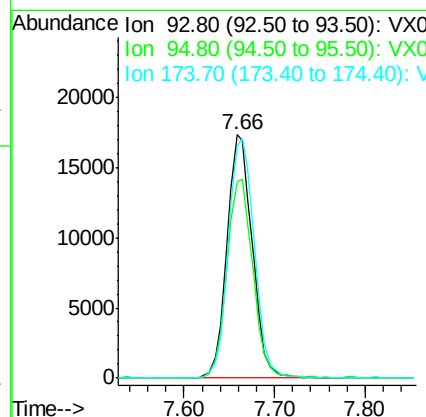
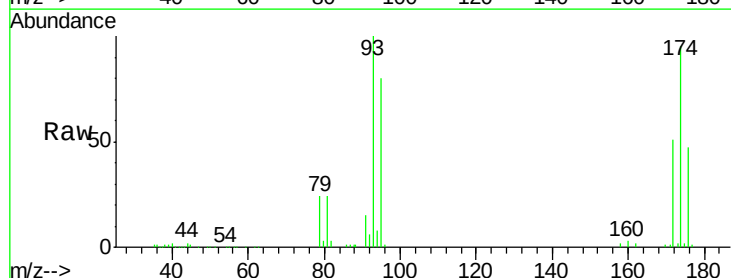
Manual Integrations
 APPROVED

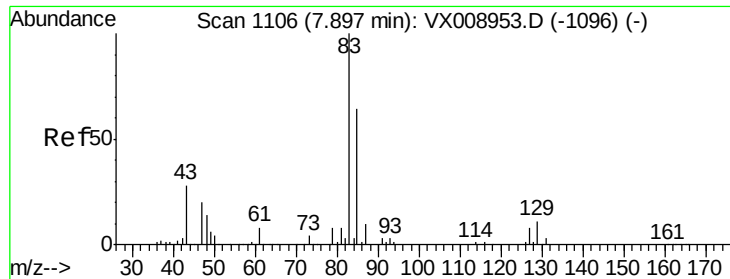
MMDadoda
 4/19/2019 9:11:59 AM



#46
 Dibromomethane
 Concen: 20.550 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion: 93 Resp: 33744
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.4
 174 100.9 81.6 122.4





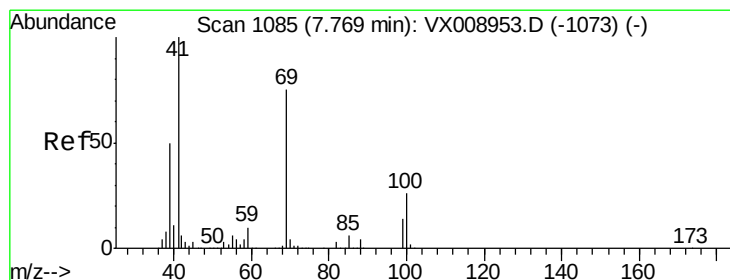
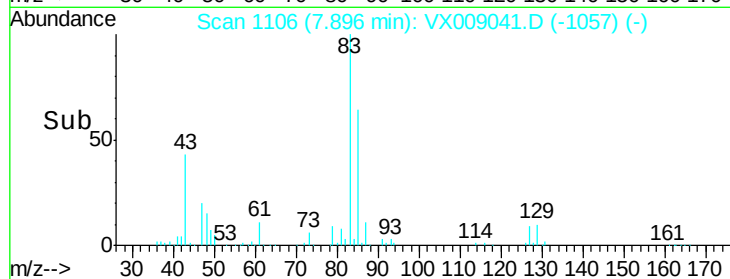
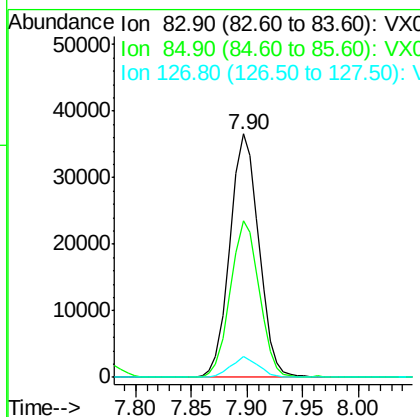
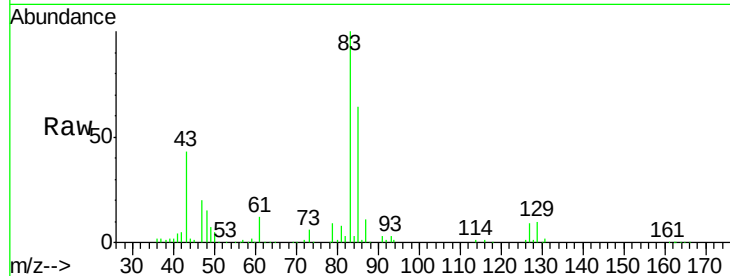
#47
 Bromodichloromethane
 Concen: 20.456 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Tot Ion	83	Resp	65880
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	50.8	76.2
127	8.6	6.4	9.6

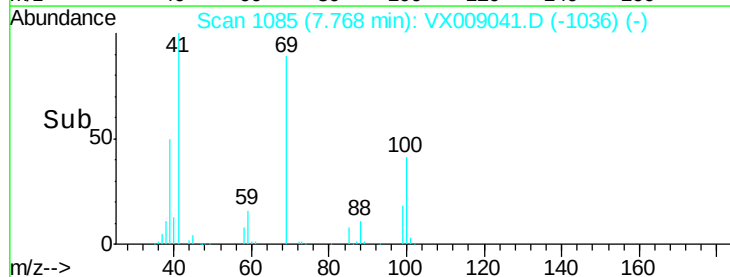
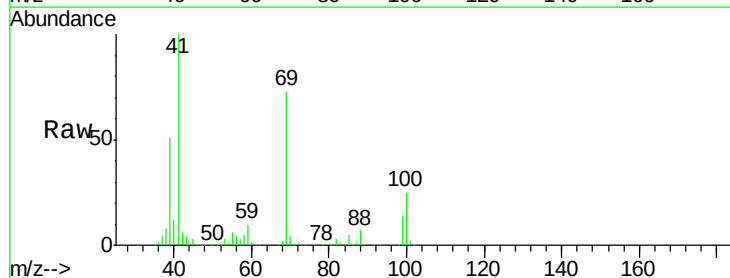
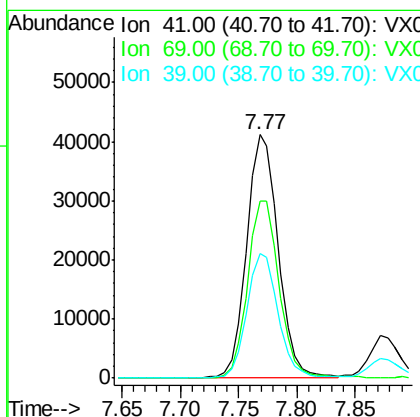
Manual Integrations
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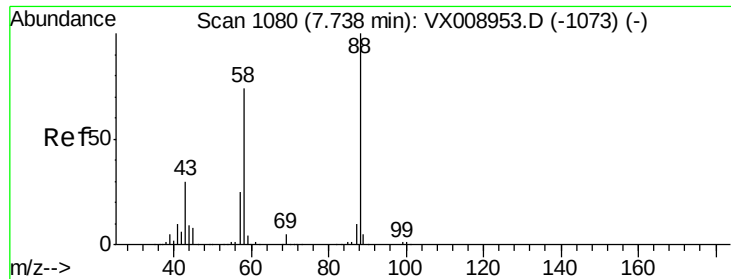
MMDadoda
 4/19/2019 9:11:59 AM



#48
 Methyl methacrylate
 Concen: 21.985 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion	41	Resp	77656
Ion Ratio	100	Lower	Upper
41	100		
69	73.4	59.4	89.2
39	51.3	39.8	59.6





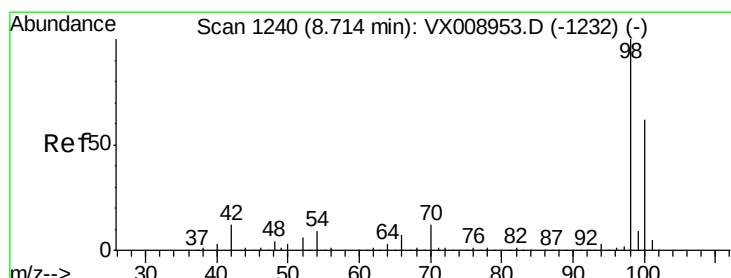
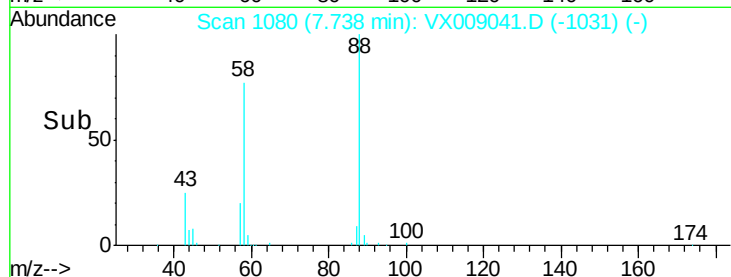
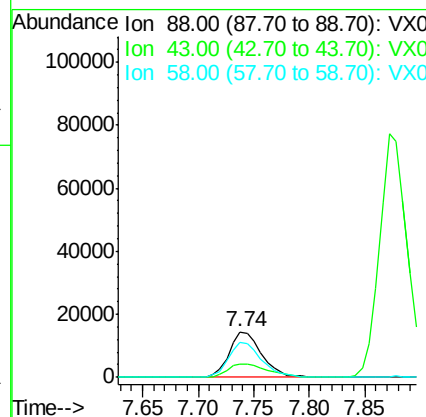
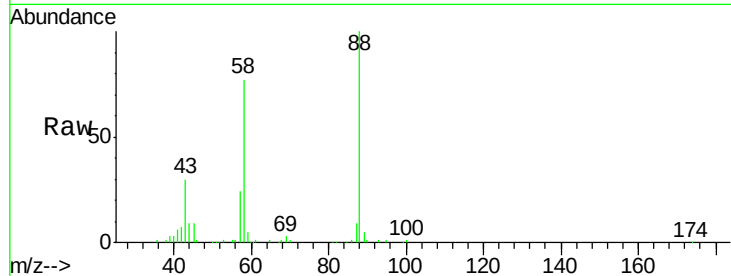
#49
1,4-Dioxane
Concen: 442.474 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	29.3	43.9
58	79.3	62.6	93.8

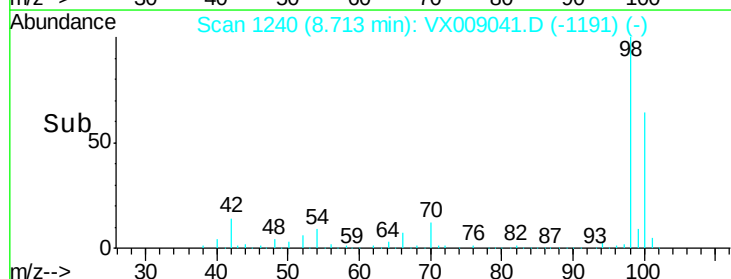
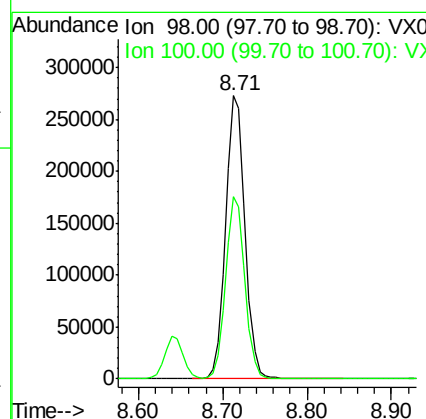
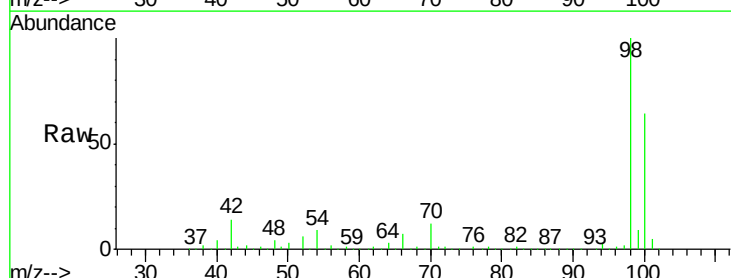
Manual Integrations
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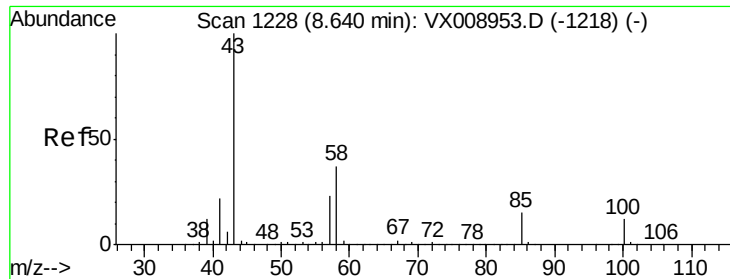
MMDadoda
4/19/2019 9:11:59 AM



#50
Toluene-d8
Concen: 50.060 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.2





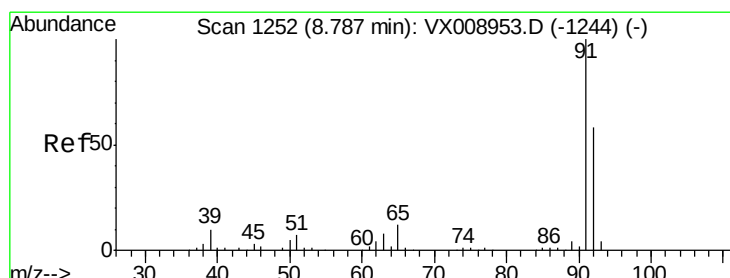
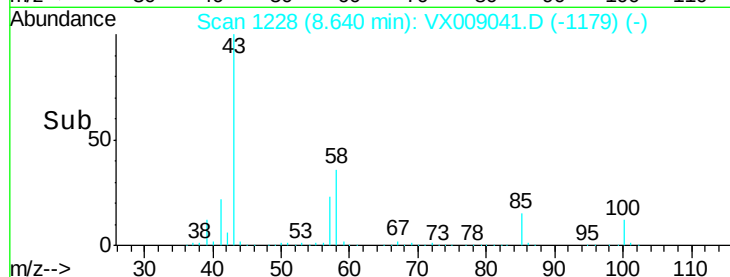
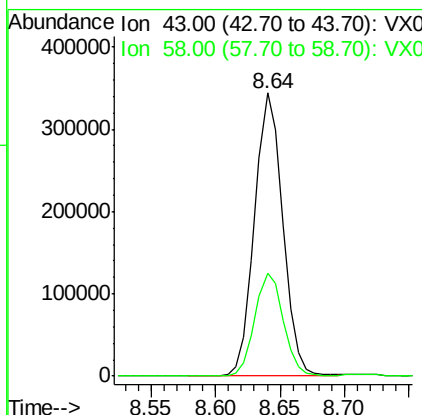
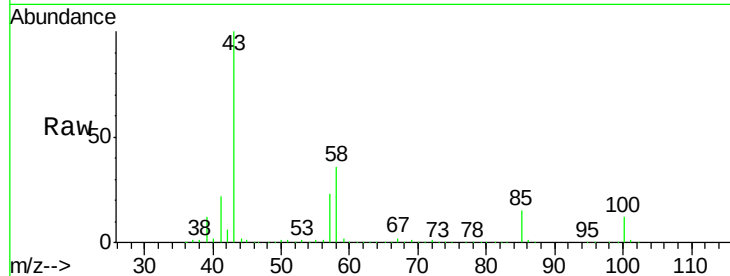
#51
4-Methyl-2-Pentanone
Concen: 114.120 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampled :
VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.8	44.6

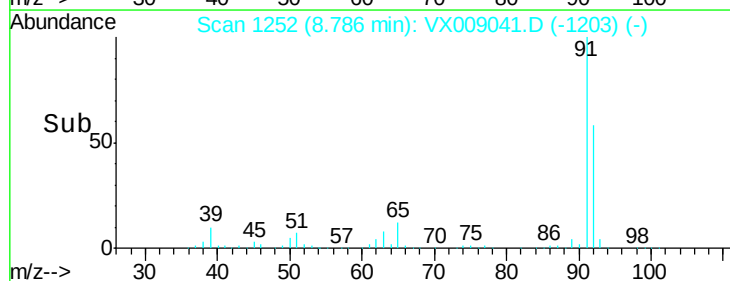
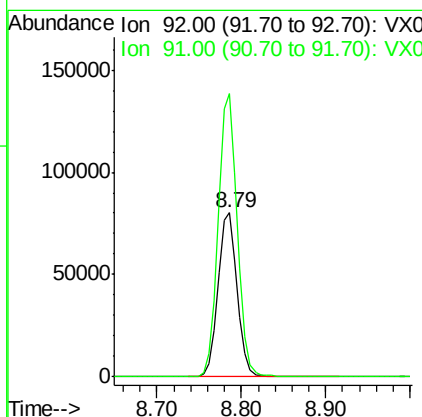
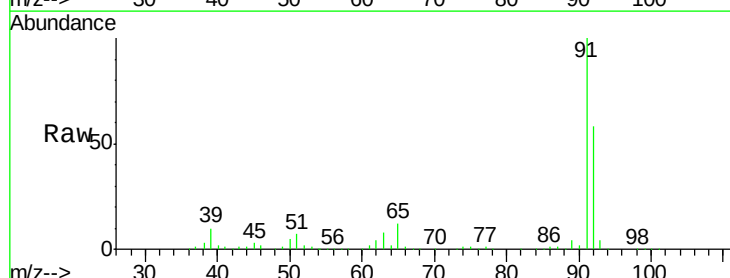
Manual Integrations
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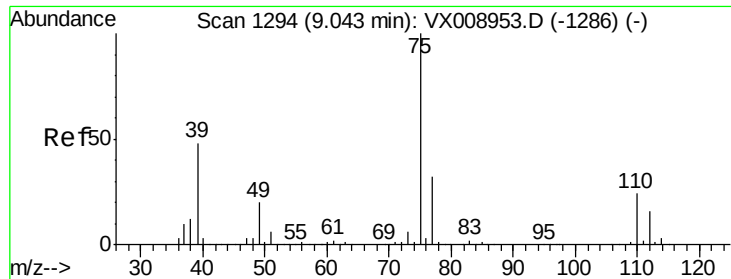
MMDadoda
4/19/2019 9:11:59 AM



#52
Toluene
Concen: 20.671 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.2	138.5	207.7





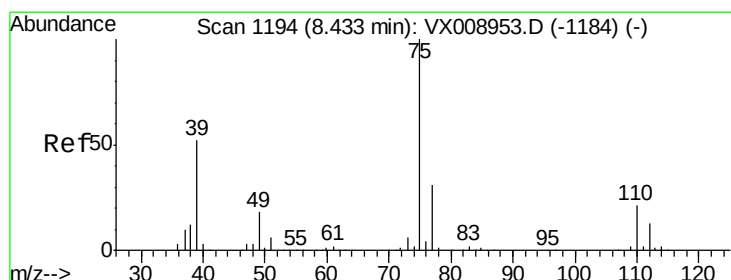
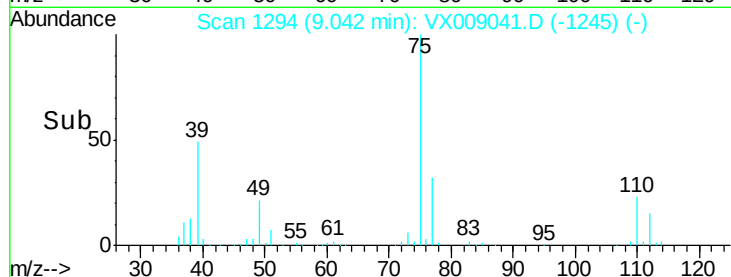
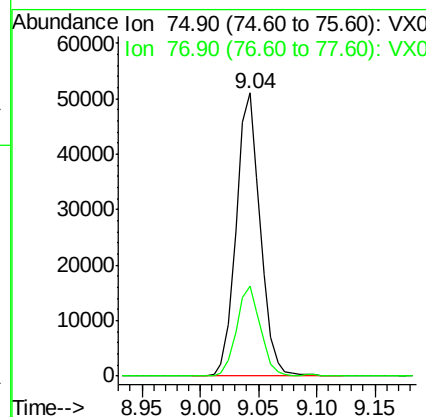
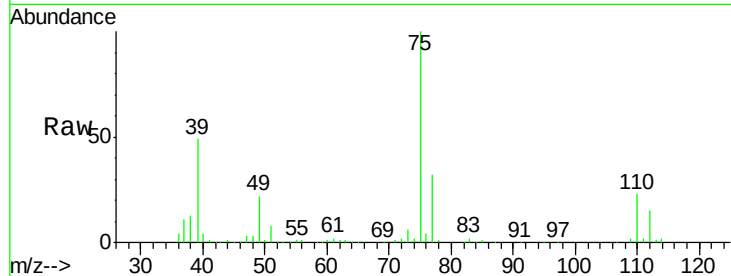
#53
t-1,3-Dichloropropene
Concen: 19.834 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion: 75 Resp: 73514
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.2

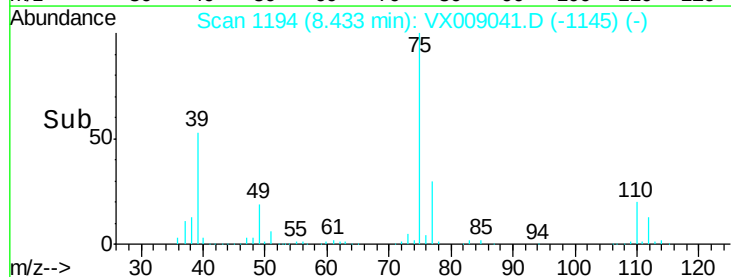
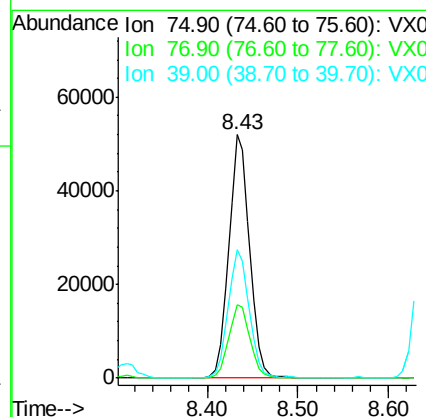
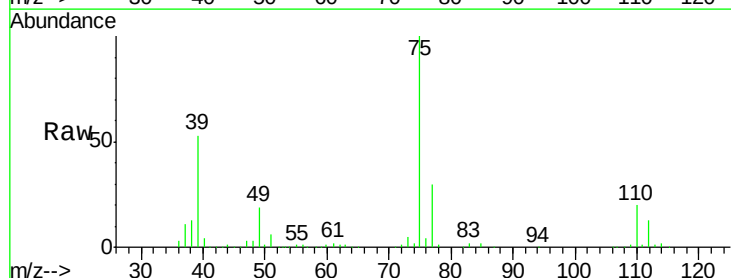
Manual Integrations
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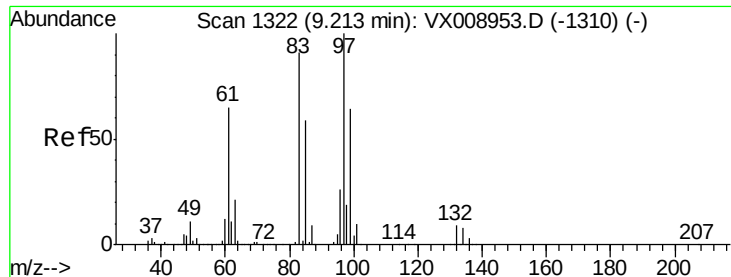
MMDadoda
4/19/2019 9:11:59 AM



#54
cis-1,3-Dichloropropene
Concen: 20.167 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion: 75 Resp: 83695
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2
39 52.6 41.8 62.6





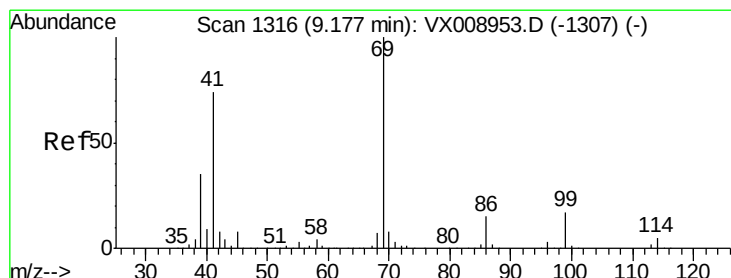
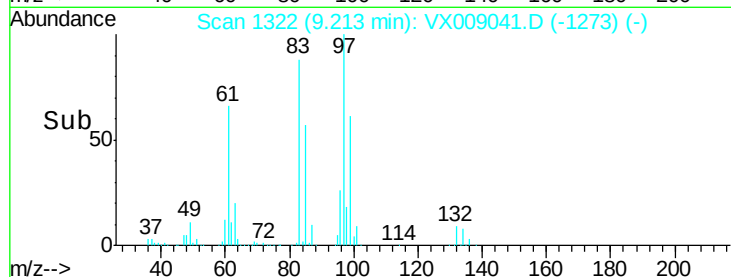
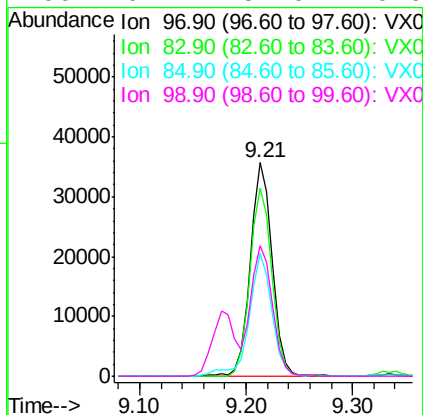
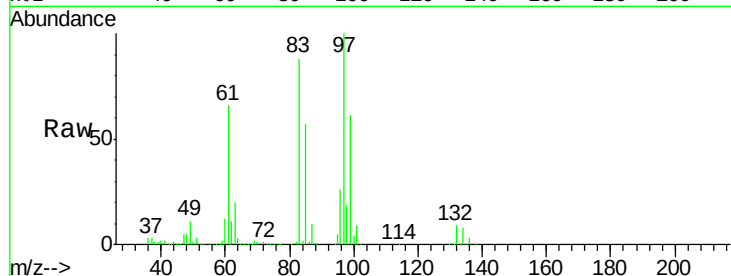
#55
 1,1,2-Trichloroethane
 Concen: 21.380 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Tot Ion:	97	Resp:	51648
Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.6	108.8
85	57.3	46.9	70.3
99	61.2	51.0	76.6

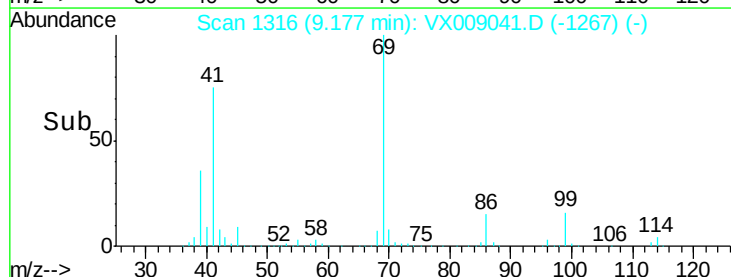
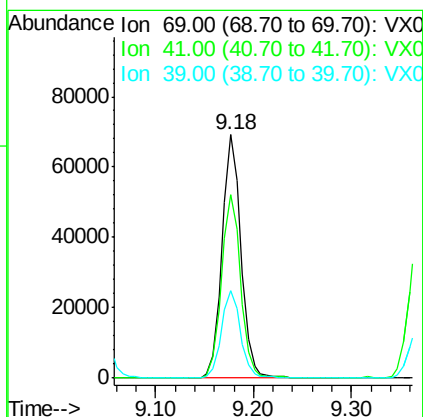
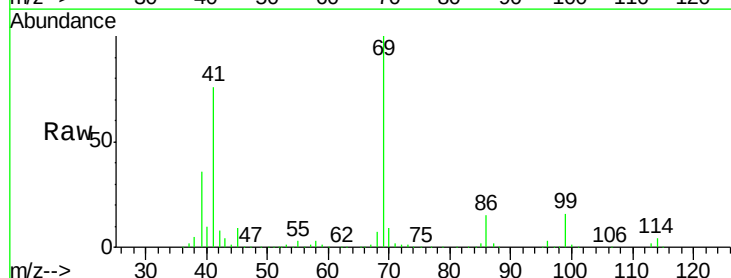
Manual Integrations
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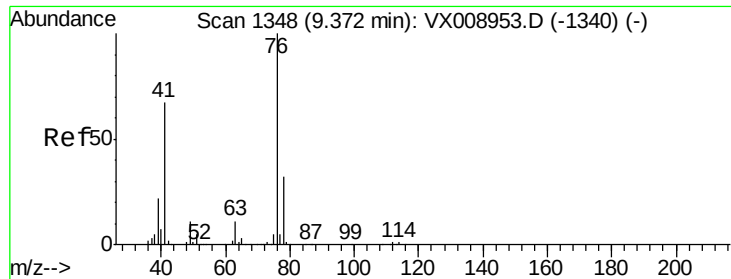
MMDadoda
 4/19/2019 9:11:59 AM



#56
 Ethyl methacrylate
 Concen: 21.551 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion:	69	Resp:	93350
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.2	90.2
39	36.7	27.9	41.9





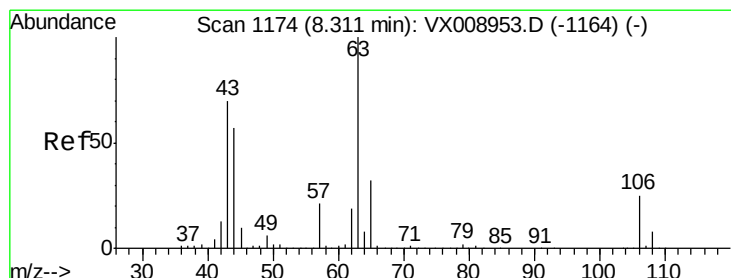
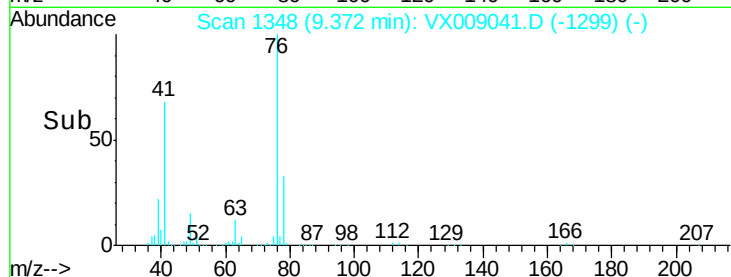
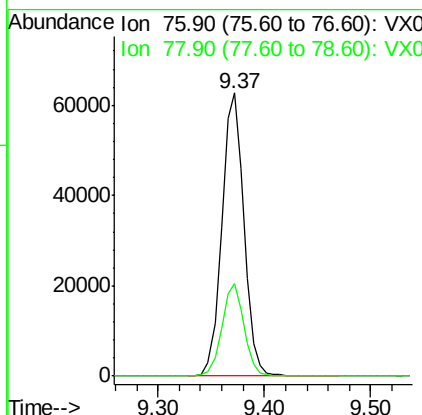
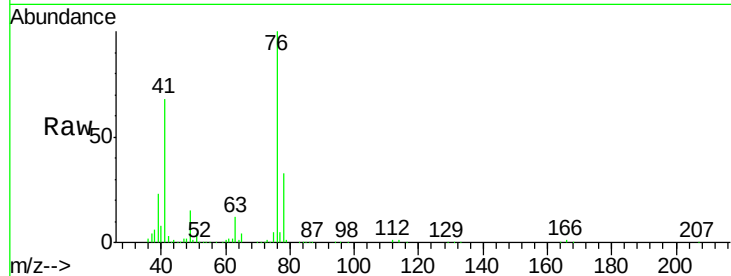
#57
 1,3-Dichloropropane
 Concen: 21.090 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Tot Ion: 76 Resp: 90710
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.7 38.5

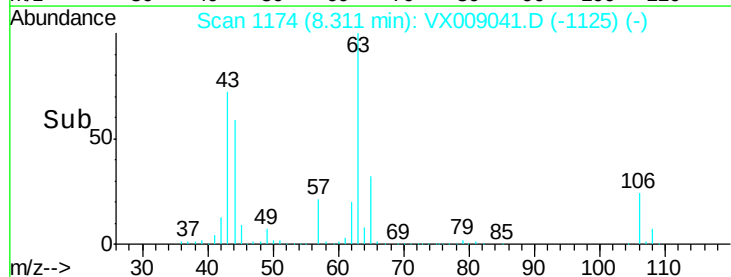
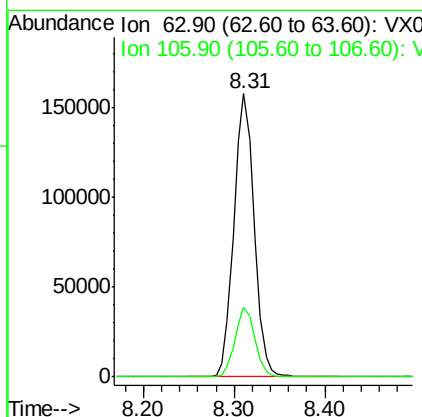
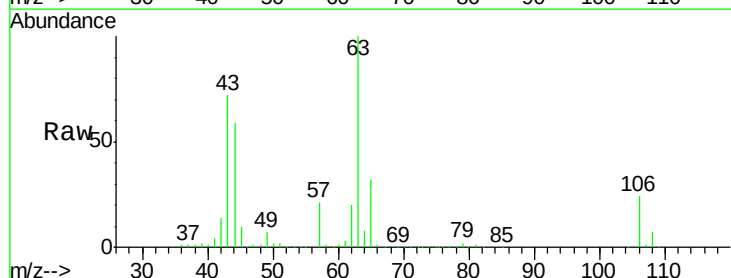
Manual Integrations
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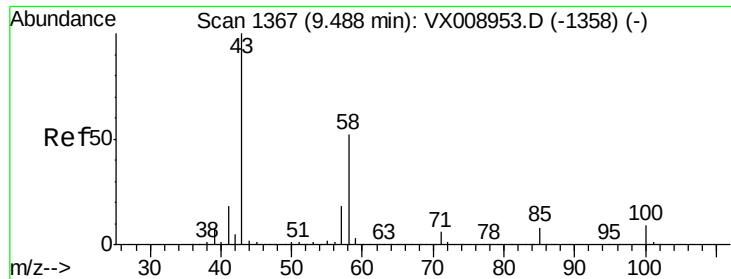
MMDadoda
 4/19/2019 9:11:59 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.034 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion: 63 Resp: 244995
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.8 29.6





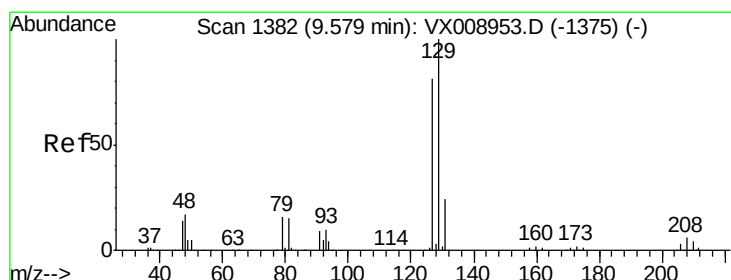
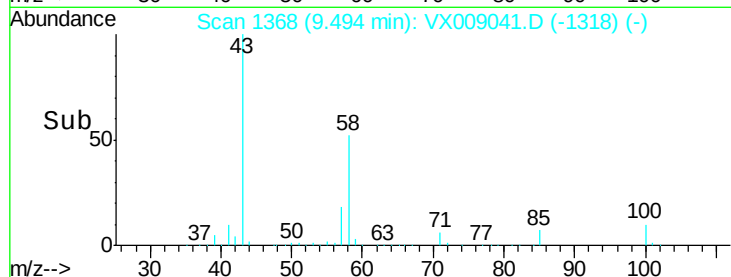
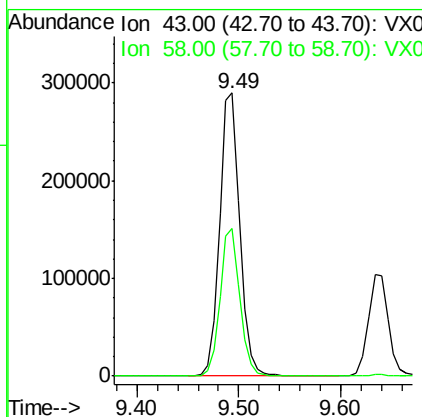
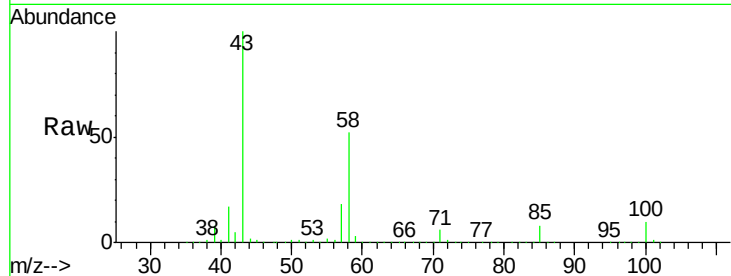
#59
2-Hexanone
Concen: 113.922 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion: 43 Resp: 400005
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.8

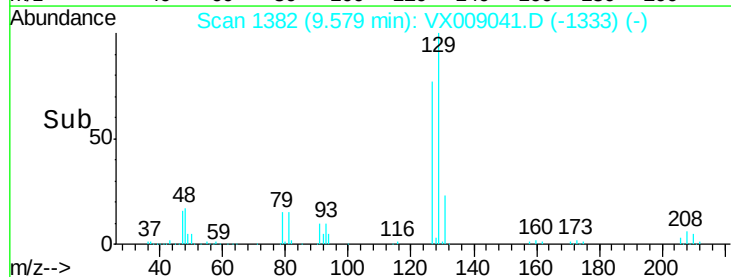
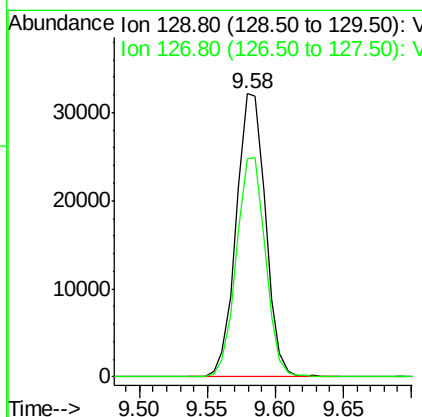
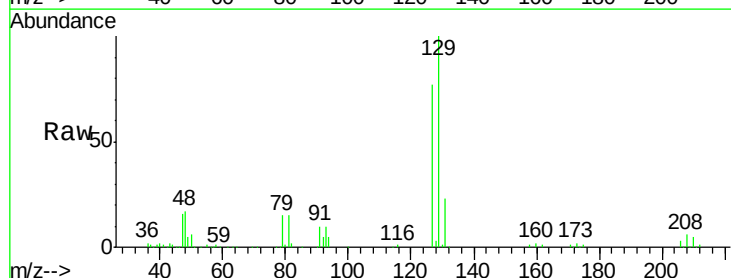
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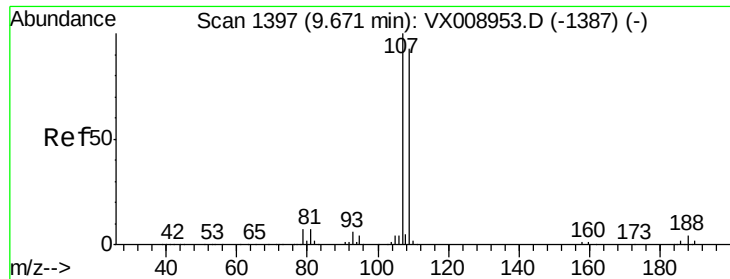
MMDadoda
4/19/2019 9:11:59 AM



#60
Dibromochloromethane
Concen: 20.826 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion:129 Resp: 48216
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.979 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion: 107 Resp: 52305

Ion Ratio Lower Upper

107 100

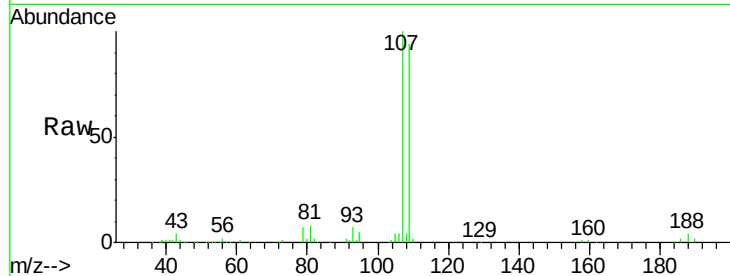
109 93.9 74.4 111.6

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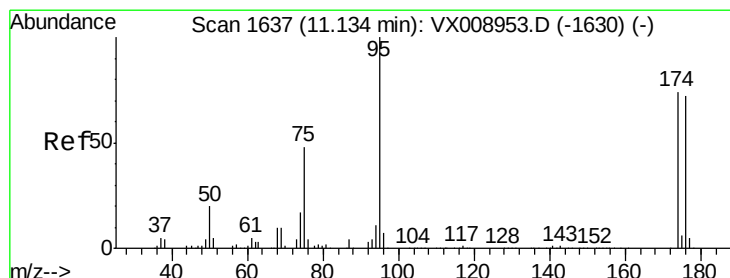
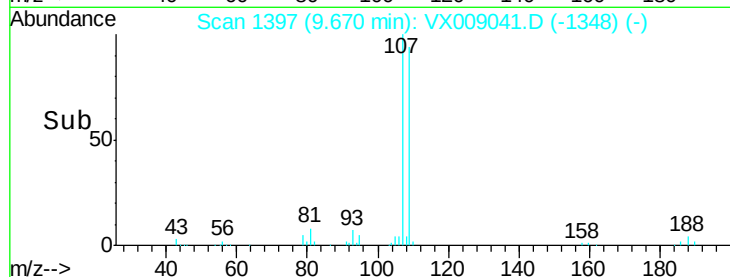
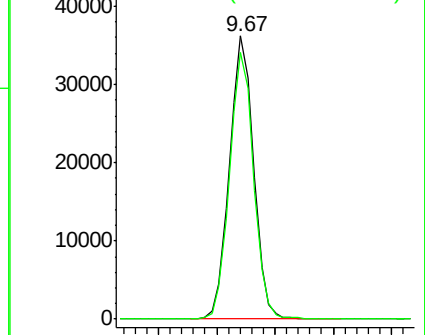
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.877 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

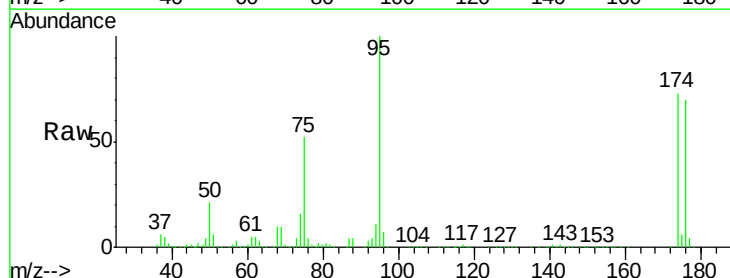
Tgt Ion: 95 Resp: 150210

Ion Ratio Lower Upper

95 100

174 77.9 0.0 159.6

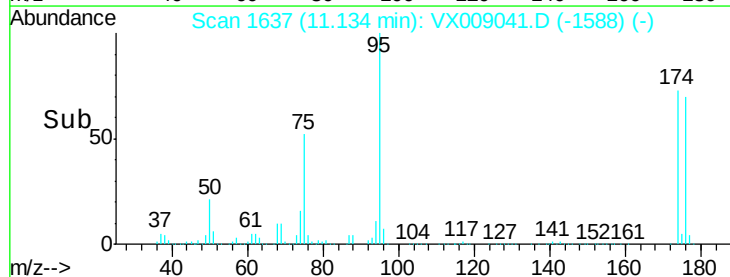
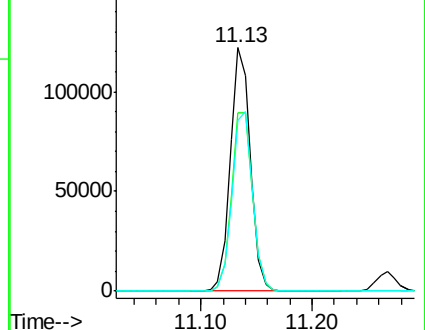
176 76.1 0.0 154.8

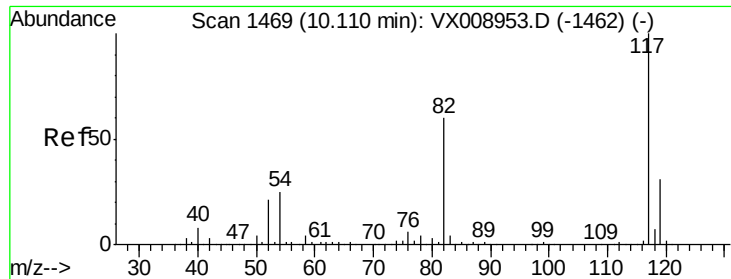


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





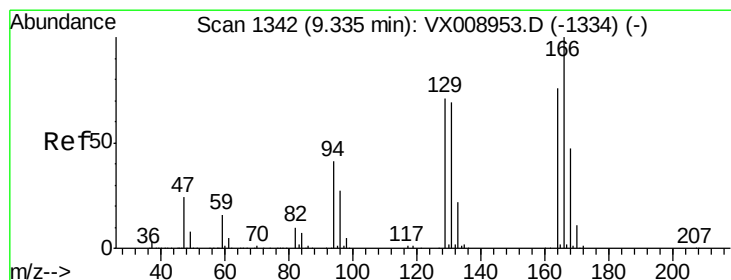
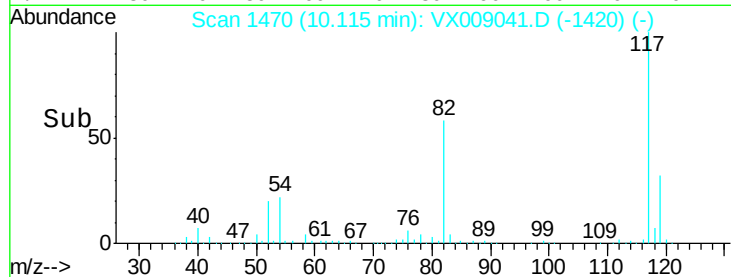
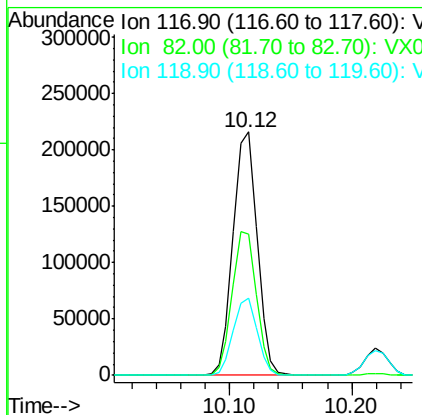
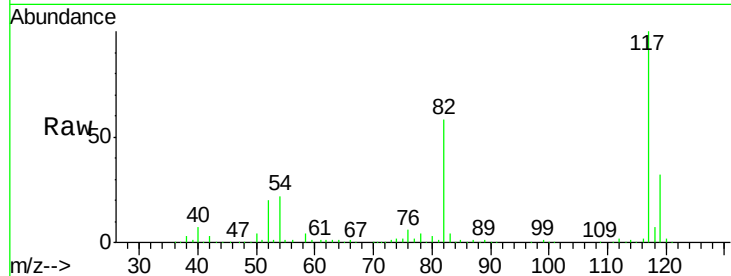
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	48.2	72.4
119	31.7	25.0	37.6

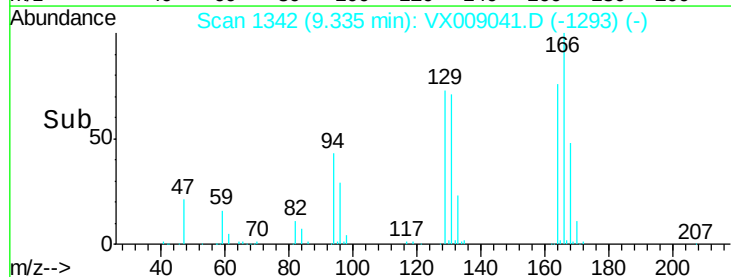
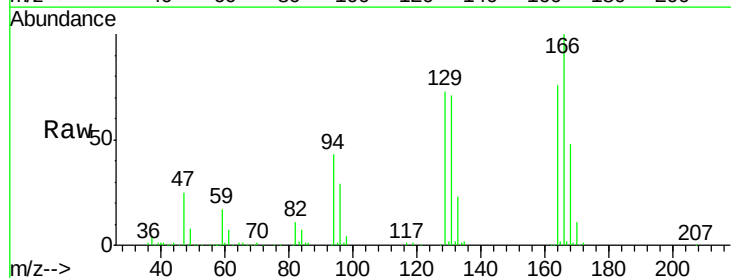
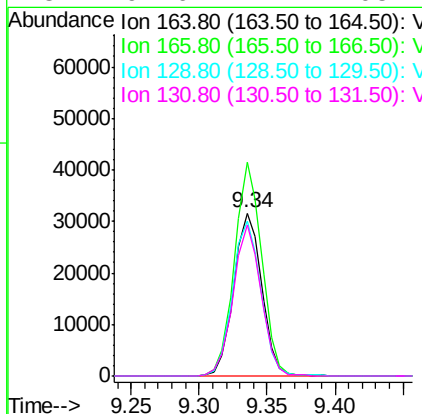
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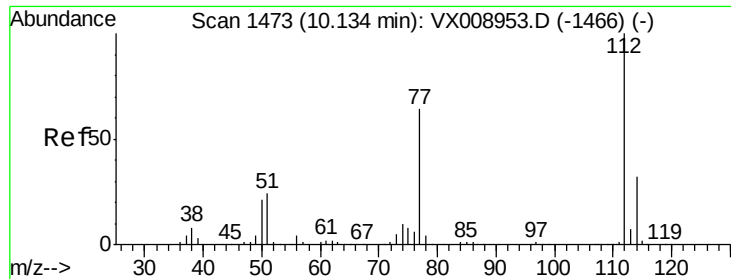
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#64
Tetrachloroethene
Concen: 20.202 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	105.0	157.4
129	95.5	74.2	111.4
131	92.6	72.2	108.2





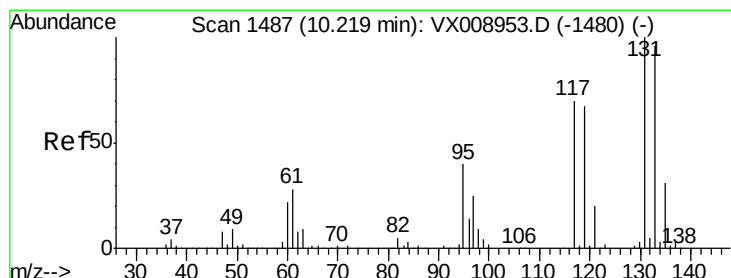
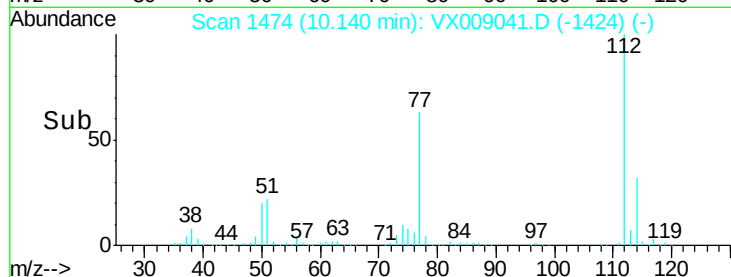
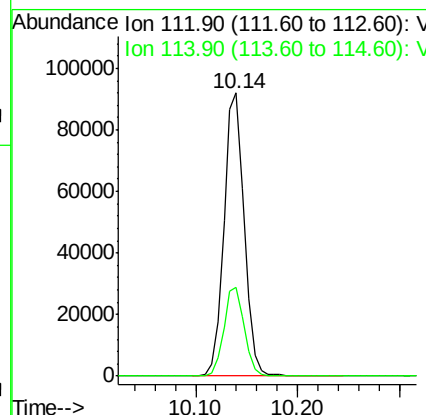
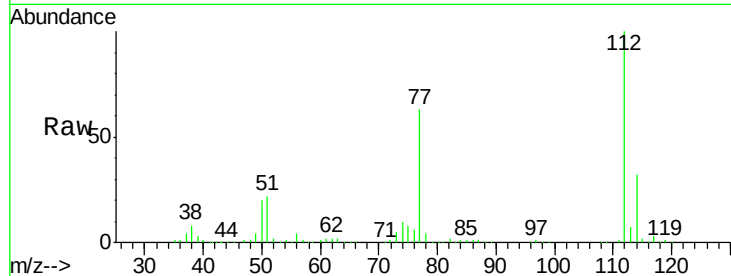
#65
Chlorobenzene
Concen: 20.484 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampled :
VX0418WBSD01

Tot Ion:112 Resp: 127559
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

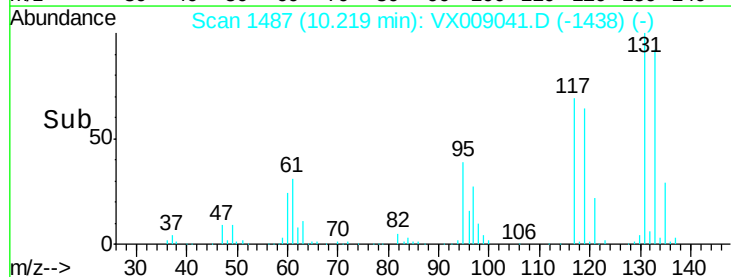
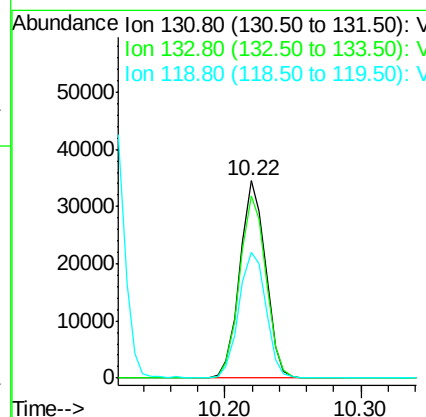
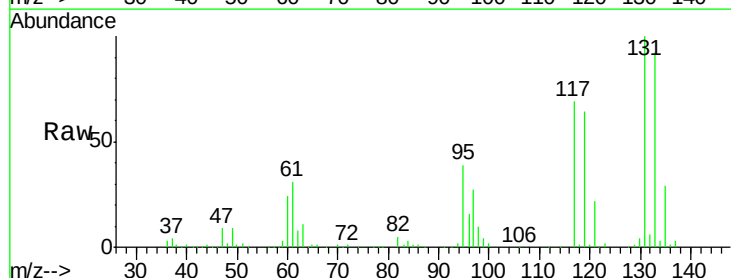
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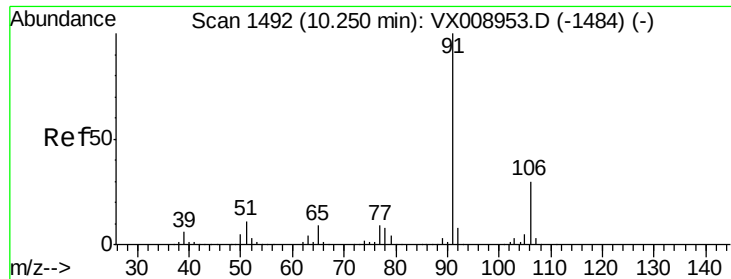
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.829 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion:131 Resp: 45694
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.2
119 67.2 33.7 101.1





#67

Ethyl Benzene

Concen: 20.689 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion: 91 Resp: 235512

Ion Ratio Lower Upper

91 100

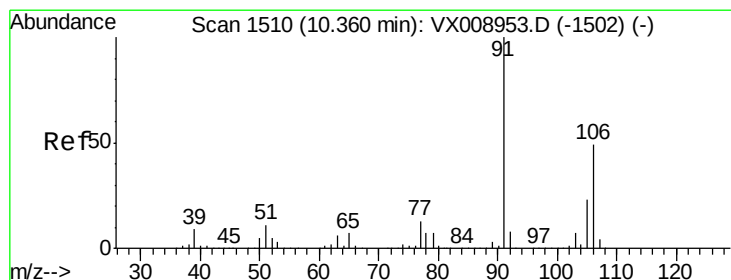
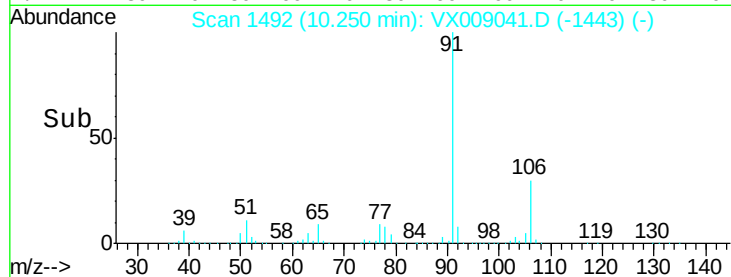
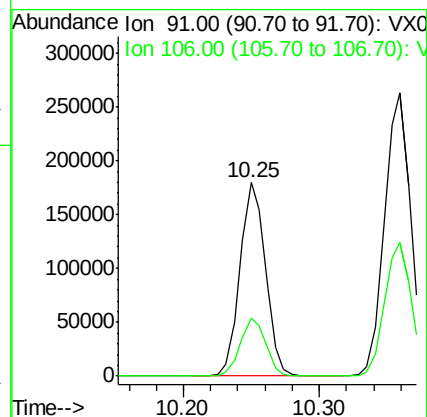
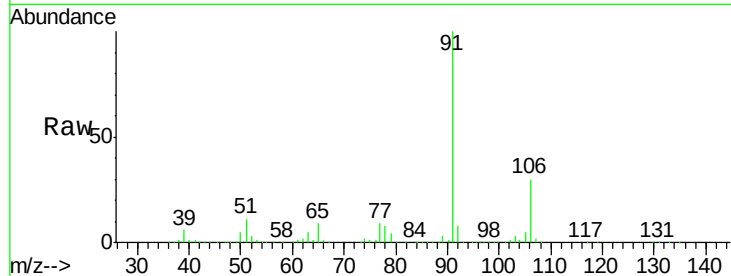
106 29.9 24.3 36.5

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#68

m/p-Xylenes

Concen: 40.744 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009041.D

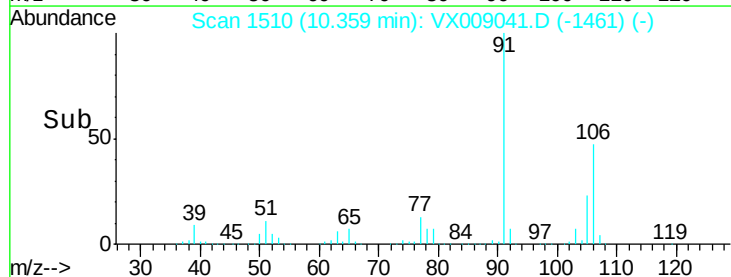
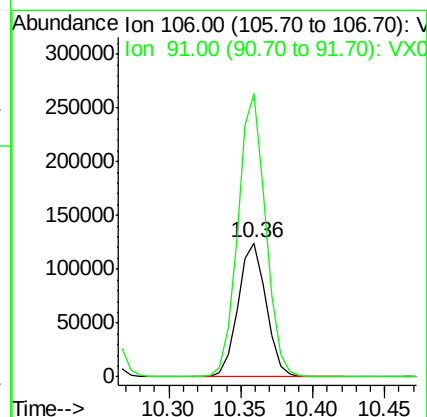
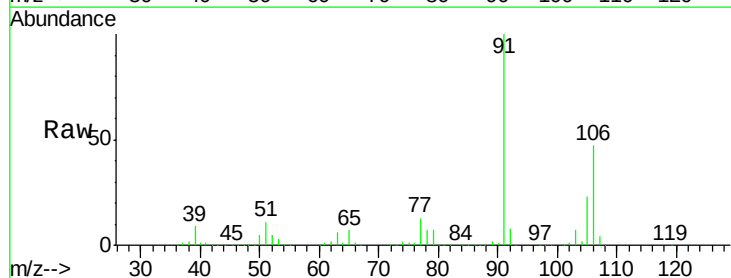
Acq: 18 Apr 2019 14:11

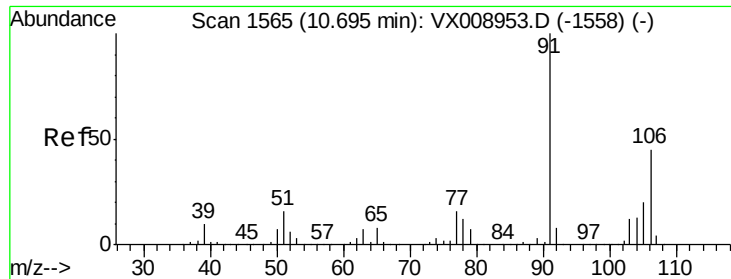
Tgt Ion: 106 Resp: 168559

Ion Ratio Lower Upper

106 100

91 209.3 165.4 248.2





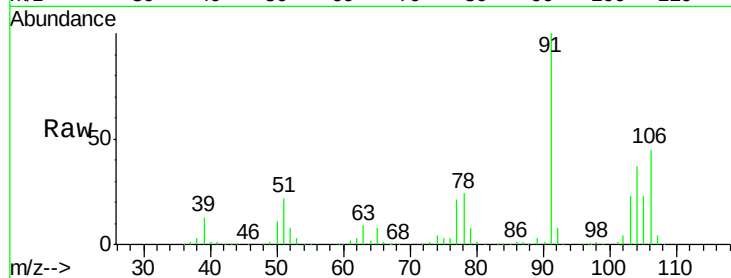
#69
o-Xylene
Concen: 20.681 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

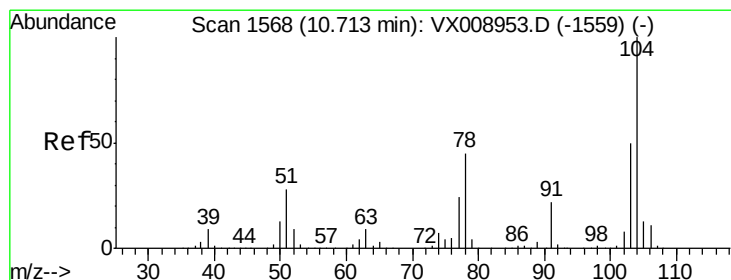
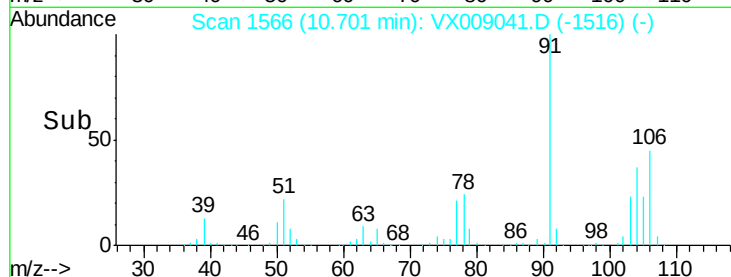
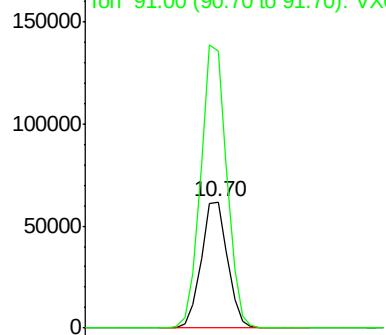
Tot Ion:106 Resp: 83250
Ion Ratio Lower Upper
106 100
91 221.5 108.9 326.7

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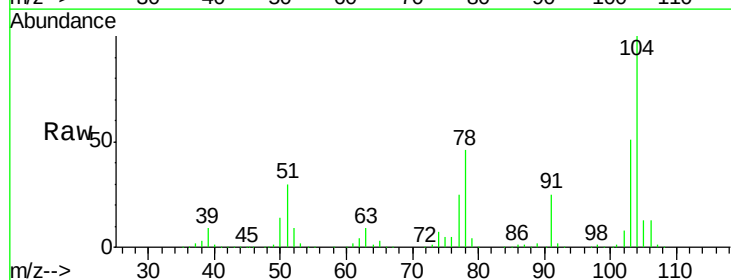


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

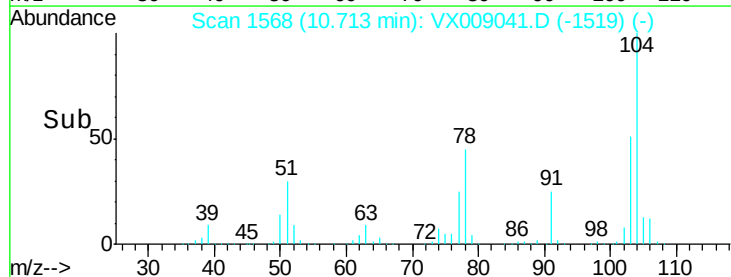
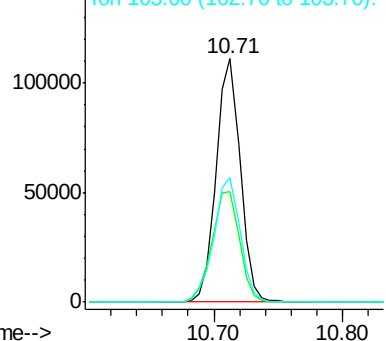


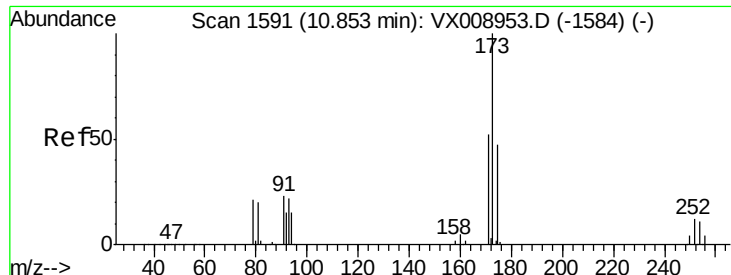
#70
Styrene
Concen: 20.520 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion:104 Resp: 143137
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 56.1 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.096 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion:173 Resp: 35121

Ion Ratio Lower Upper

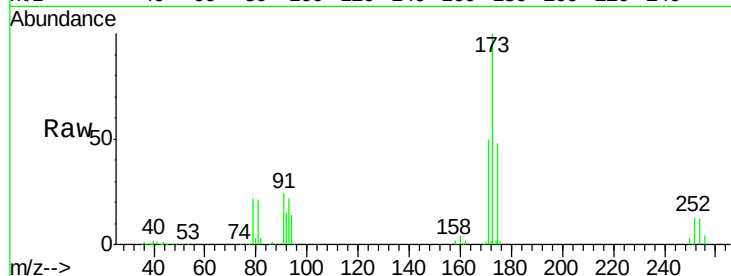
173 100

175 48.3 23.9 71.8

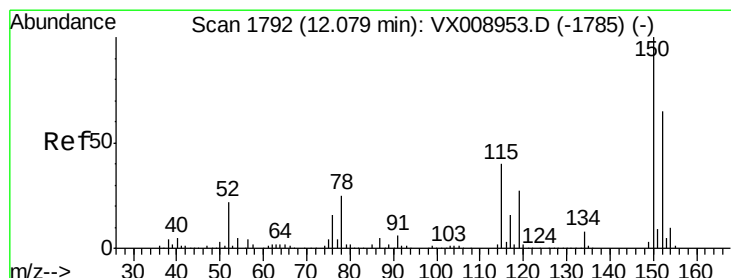
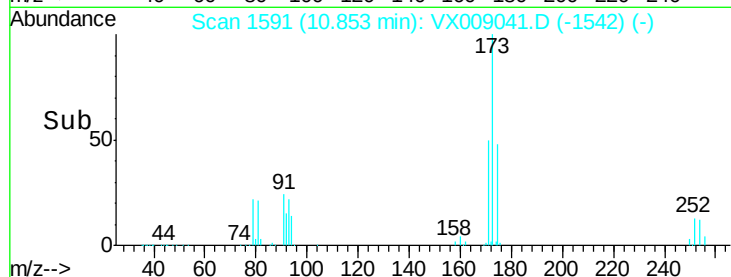
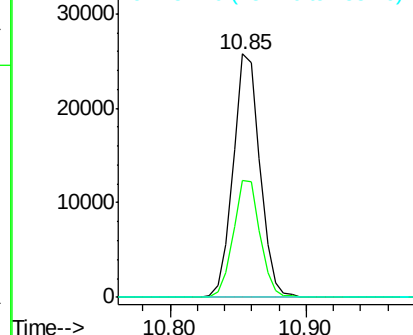
254 0.1 0.2 0.4#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

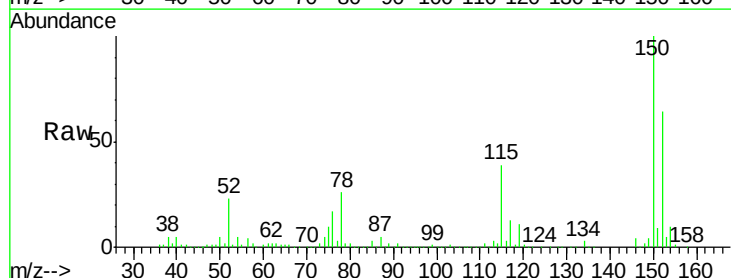
Tgt Ion:152 Resp: 135515

Ion Ratio Lower Upper

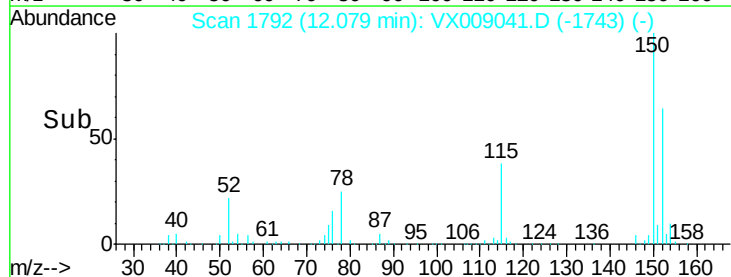
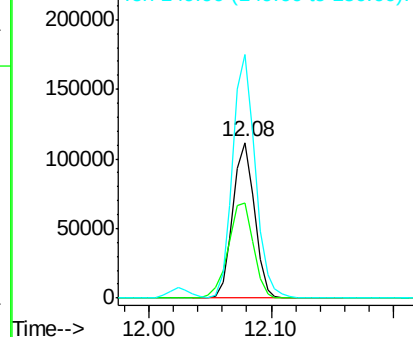
152 100

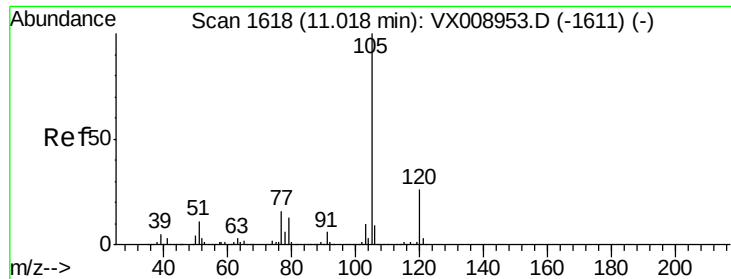
115 71.1 41.4 124.2

150 163.8 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.686 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion: 105 Resp: 222761

Ion Ratio Lower Upper

105 100

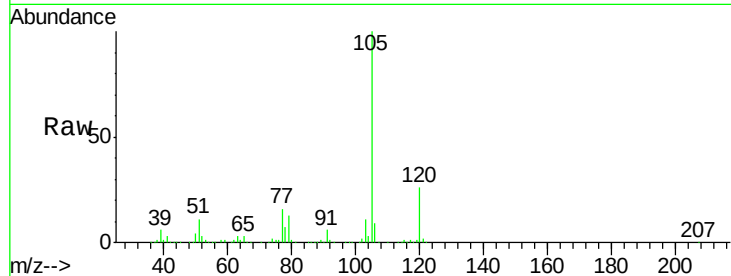
120 25.8 12.9 38.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

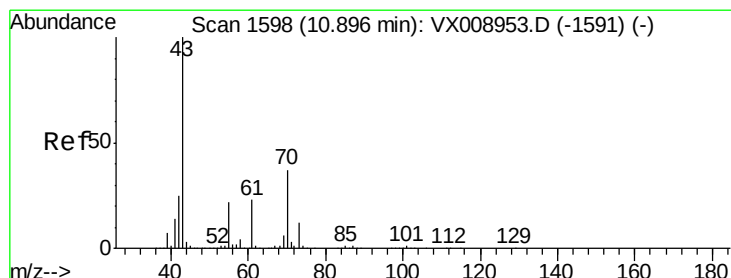
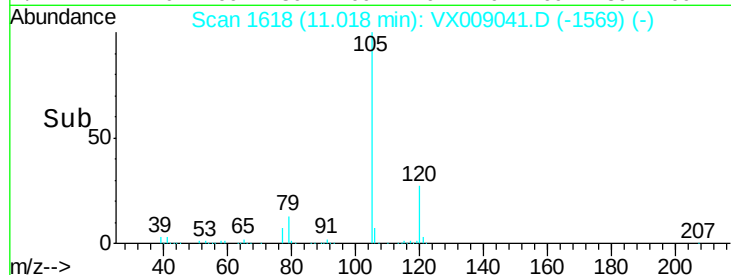
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 22.260 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Tgt Ion: 43 Resp: 131284

Ion Ratio Lower Upper

43 100

70 37.1 29.9 44.9

55 23.1 17.8 26.8

61 22.6 18.3 27.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

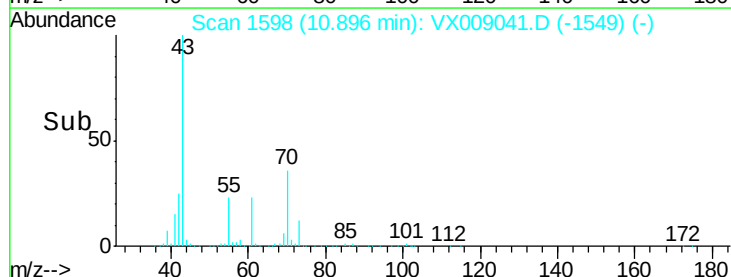
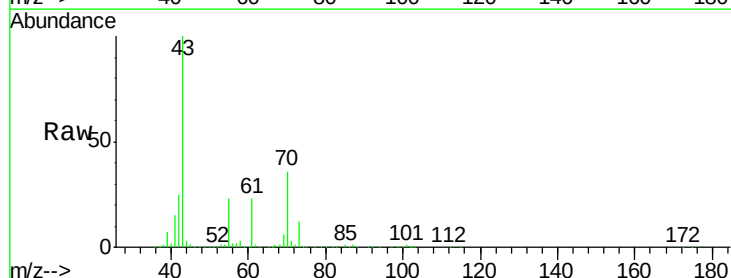
150000

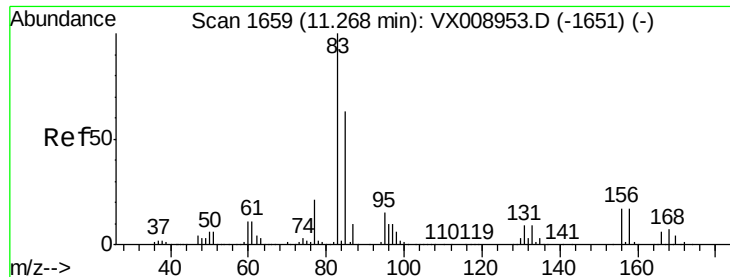
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.560 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

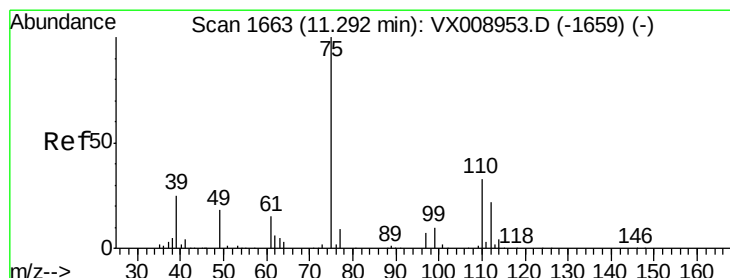
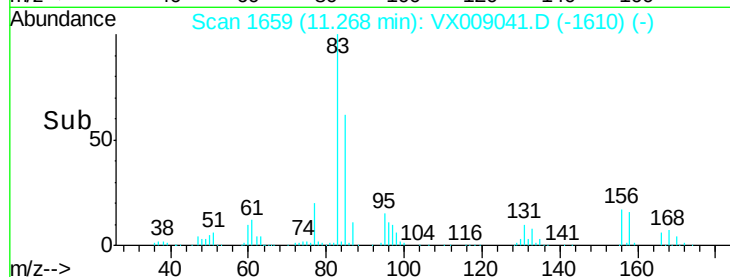
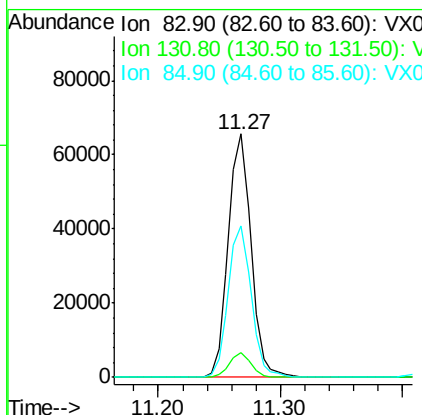
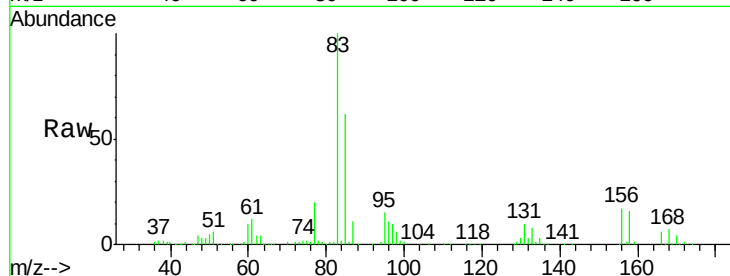
ClientSampleId :

VX0418WBSD01

Tot Ion:	83	Resp:	84670
Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.0
85	63.1	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 21.732 ug/l m

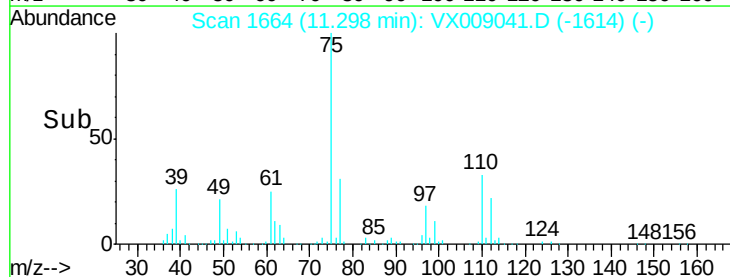
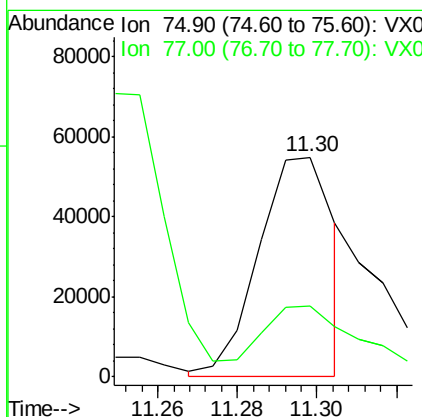
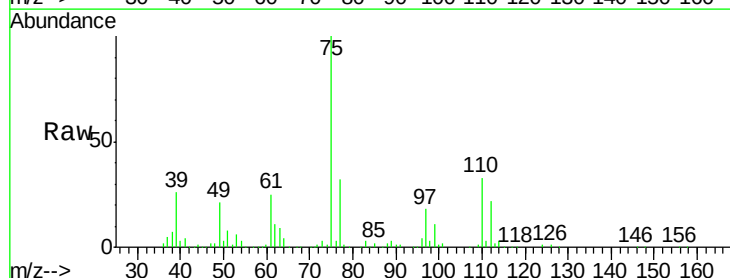
RT: 11.30 min Scan# 1664

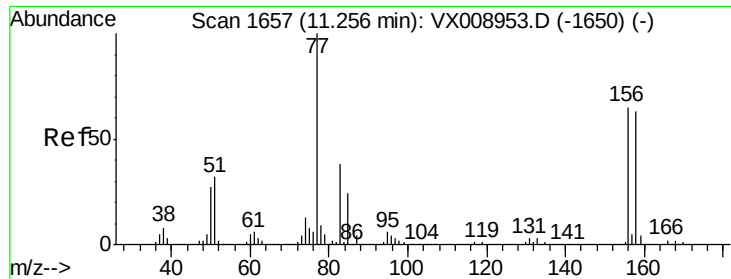
Delta R.T. 0.01 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Tgt Ion:	75	Resp:	71910
Ion	Ratio	Lower	Upper
75	100		
77	43.6	22.7	68.0





#77

Bromobenzene

Concen: 20.559 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

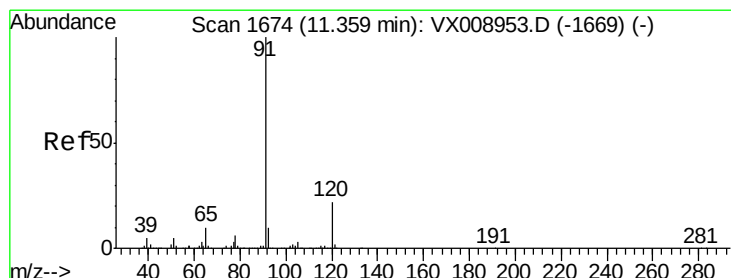
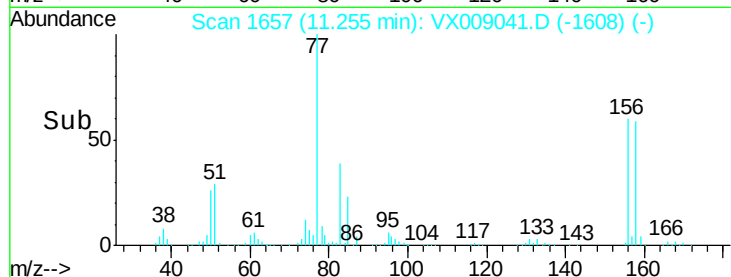
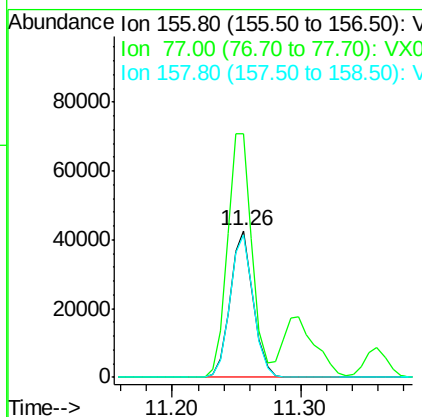
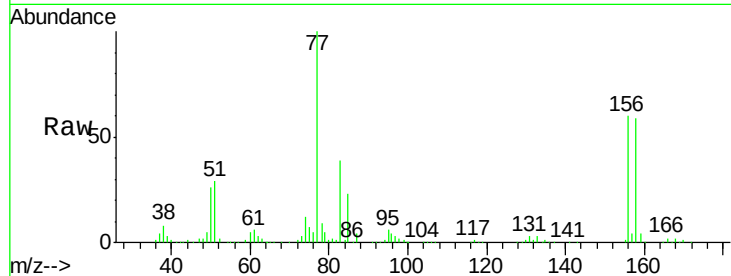
ClientSampleId :

VX0418WBSD01

Tot Ion:	156	Resp:	53281
Ion	Ratio	Lower	Upper
156	100		
77	176.6	85.4	256.1
158	98.4	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 21.362 ug/l

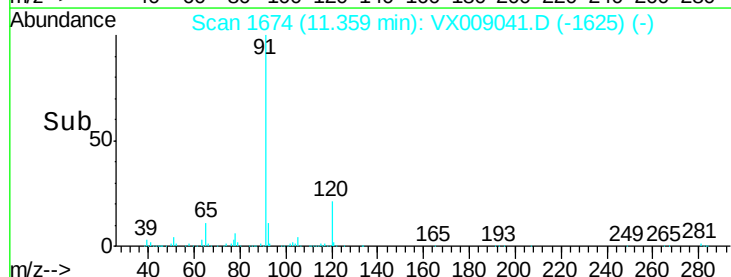
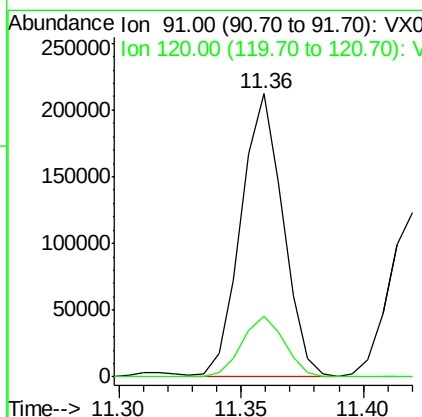
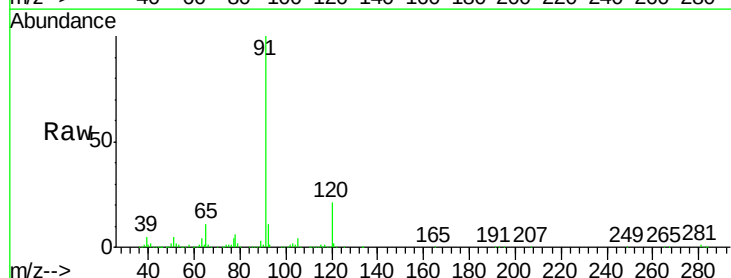
RT: 11.36 min Scan# 1674

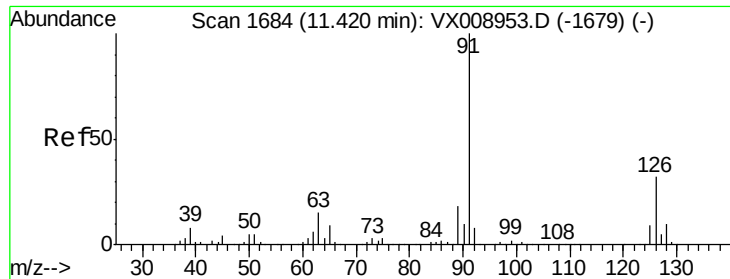
Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Tgt Ion:	91	Resp:	251848
Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.9





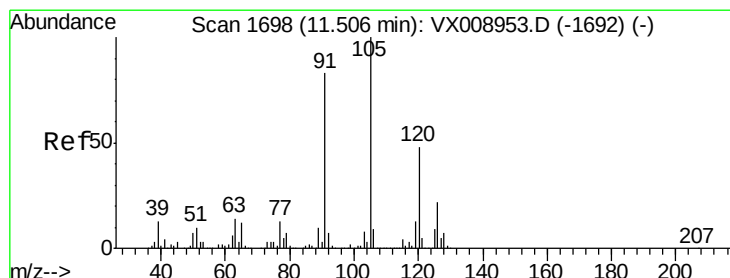
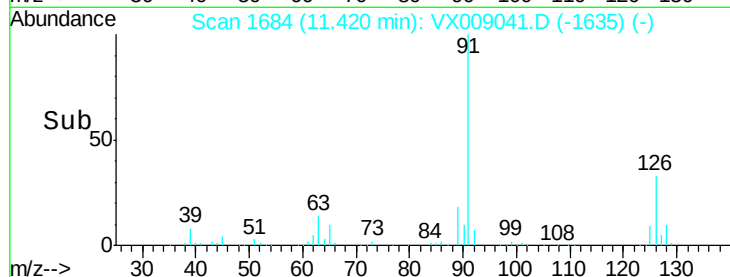
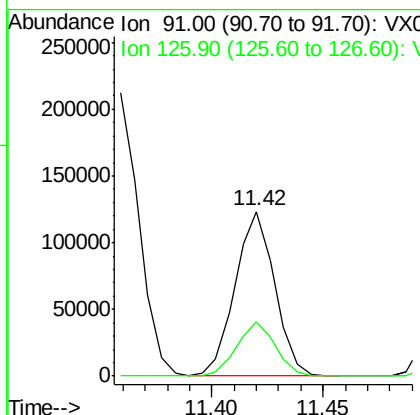
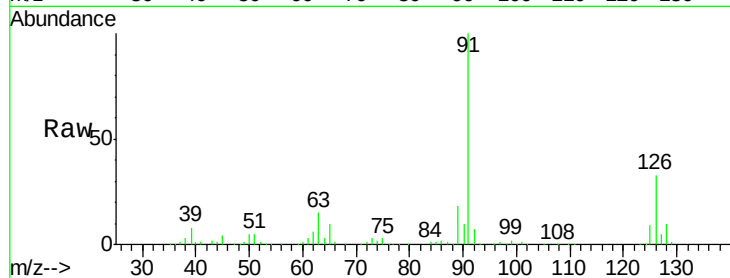
#79
 2-Chlorotoluene
 Concen: 21.450 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		152391		
126	32.2	16.3	48.9		

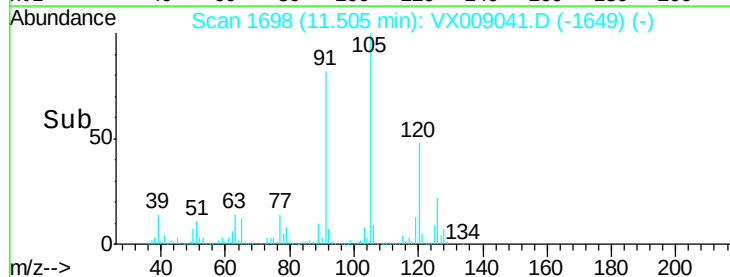
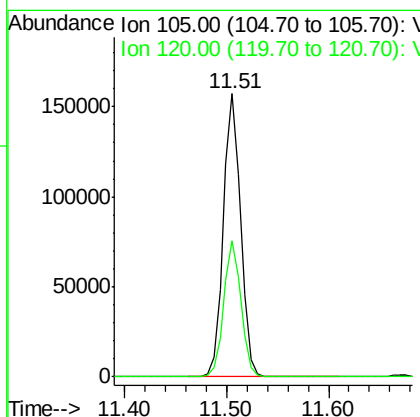
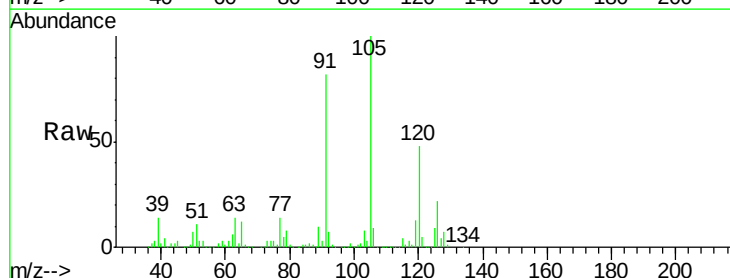
Manual Integrations
 APPROVED

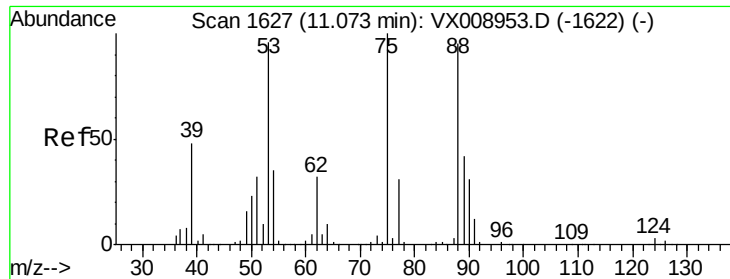
MMDadoda
 4/19/2019 9:11:59 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.526 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		185547		
120	47.5	24.1	72.3		





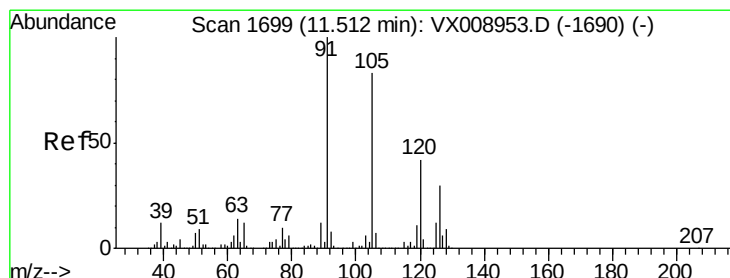
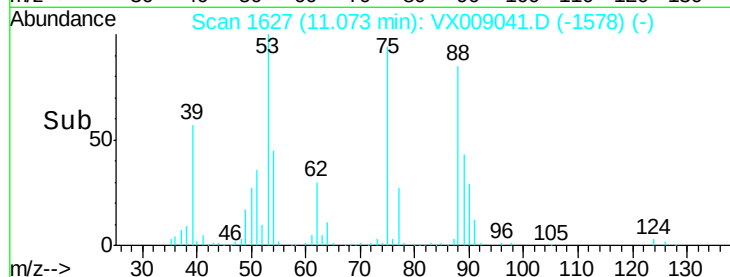
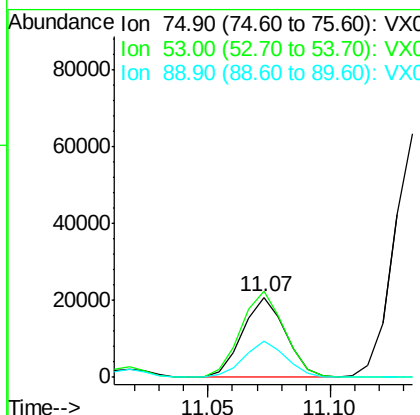
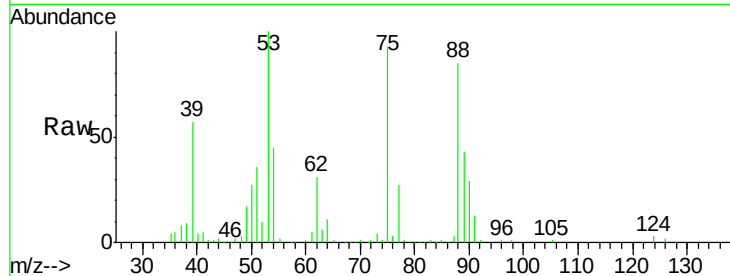
#81
trans-1,4-Dichloro-2-butene
Concen: 19.694 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion: 75 Resp: 25384
Ion Ratio Lower Upper
75 100
53 109.1 78.2 117.4
89 44.8 36.0 54.0

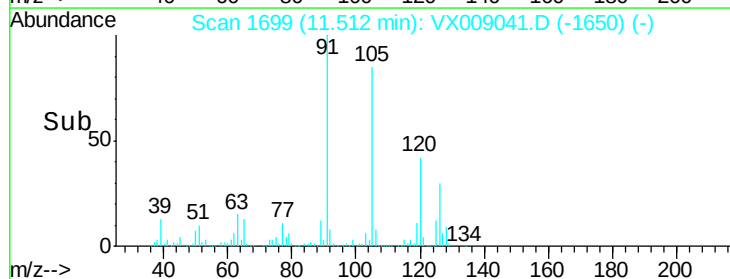
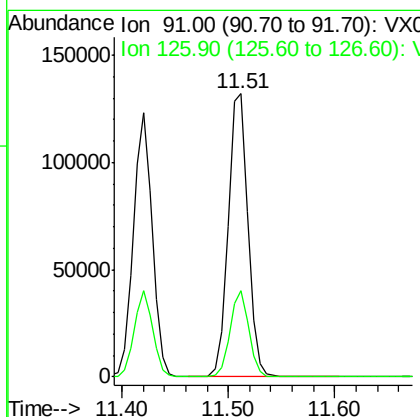
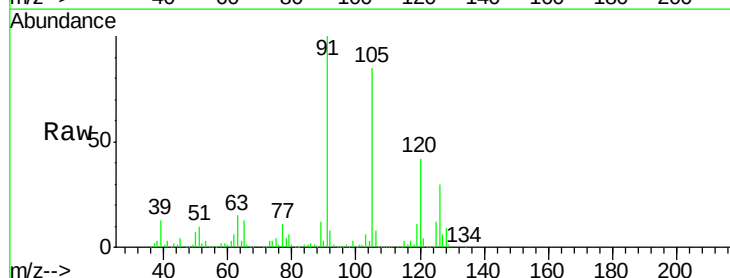
Manual Integrations
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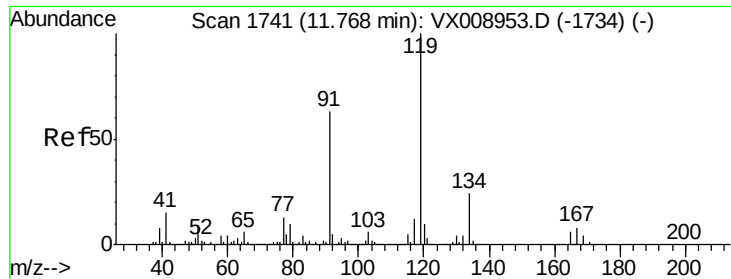
MMDadoda
4/19/2019 9:11:59 AM



#82
4-Chlorotoluene
Concen: 20.776 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion: 91 Resp: 171422
Ion Ratio Lower Upper
91 100
126 29.1 14.3 42.9





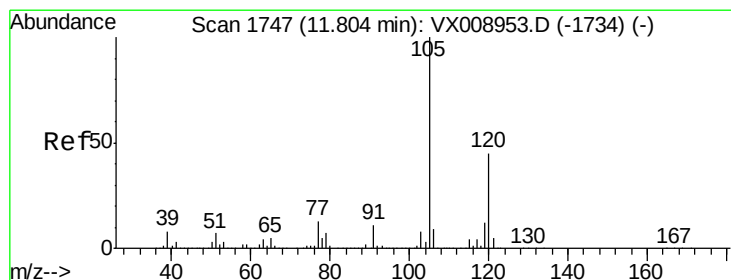
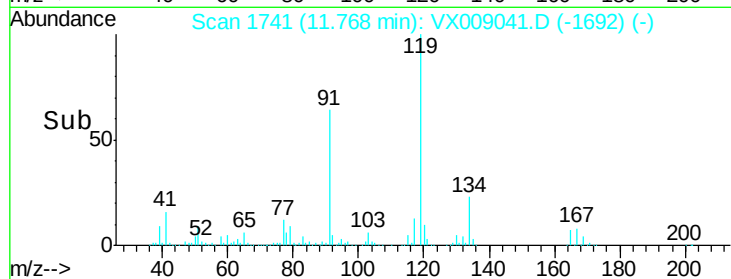
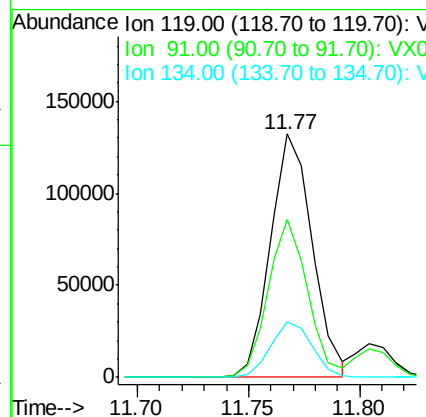
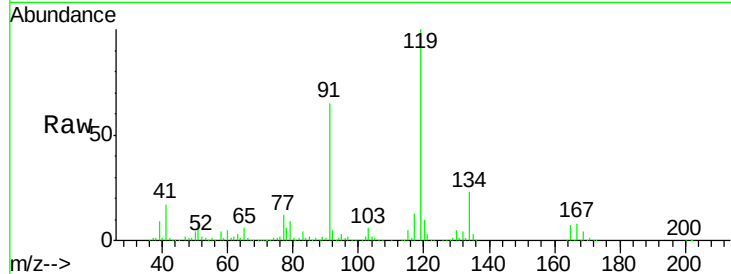
#83
 tert-Butylbenzene
 Concen: 20.867 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	172686		
91	61.2	29.7	89.1	
134	22.8	11.2	33.5	

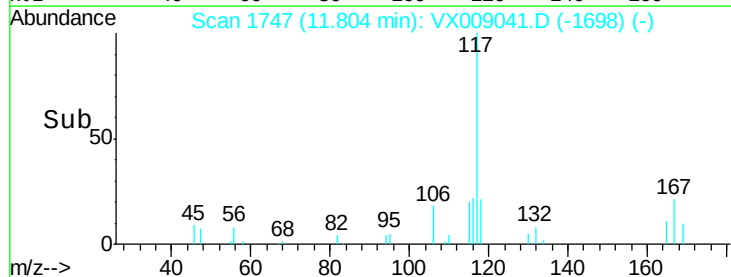
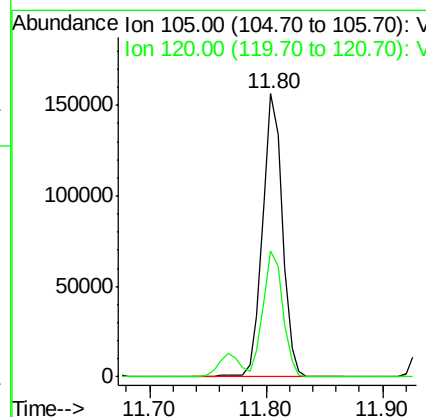
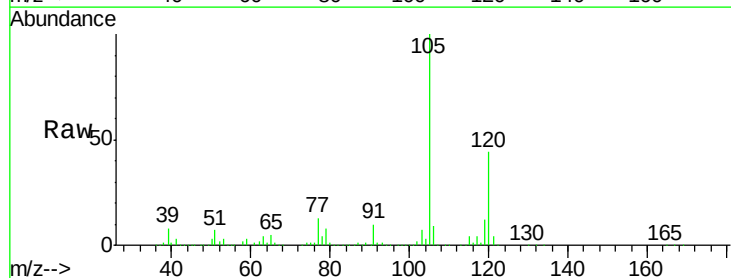
Manual Integrations
 APPROVED

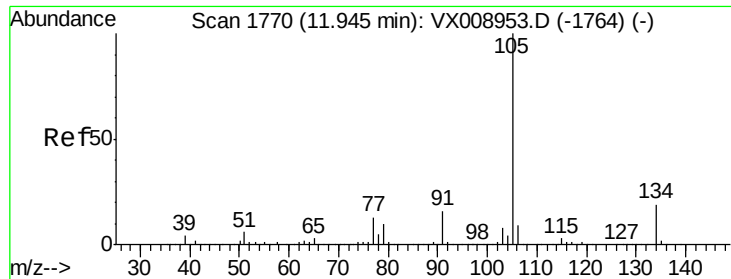
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.382 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	187614		
120	44.0	21.9	65.8	





#85

sec-Butylbenzene

Concen: 21.184 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

ClientSampleId :

VX0418WBSD01

Tot Ion:105 Resp: 209094

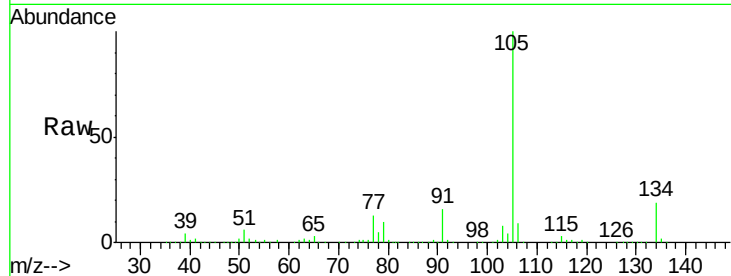
Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.6

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

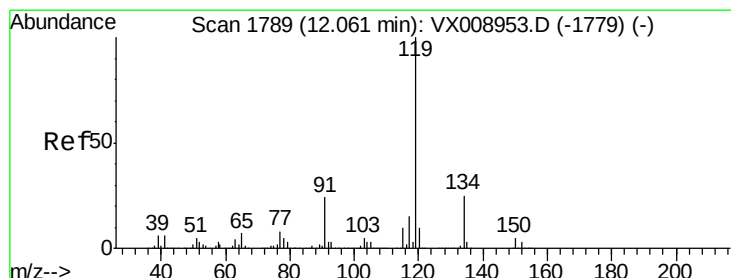
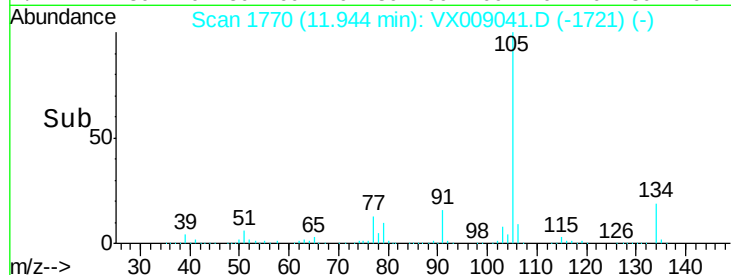
100000

50000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.942 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

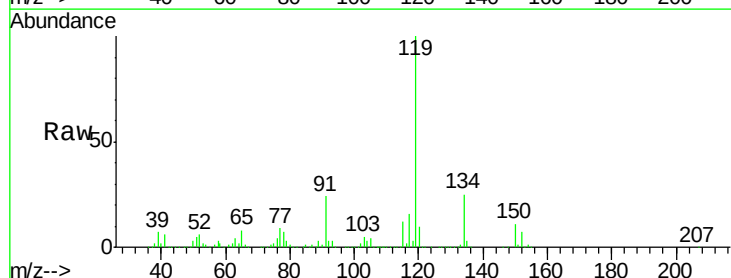
Tgt Ion:119 Resp: 190038

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 23.7 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

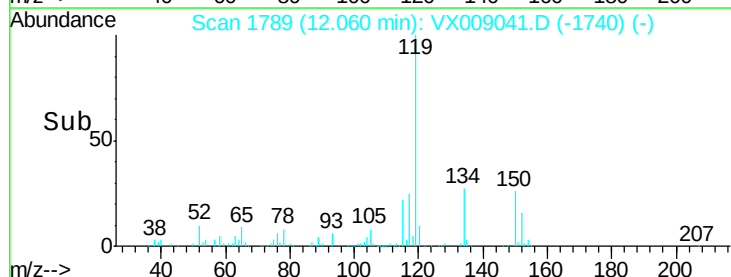
100000

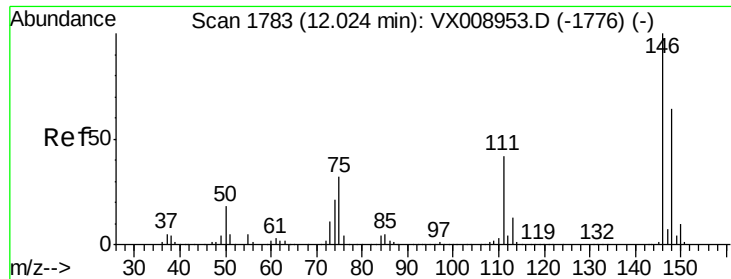
50000

0

12.00 12.10

Time-->





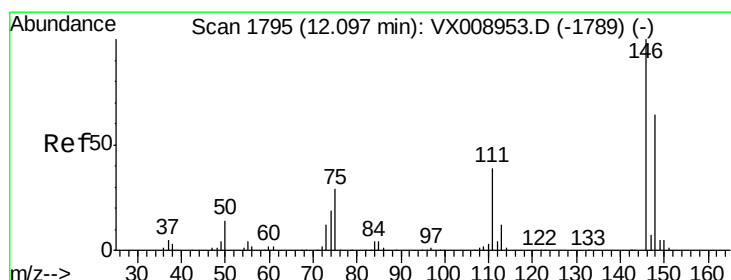
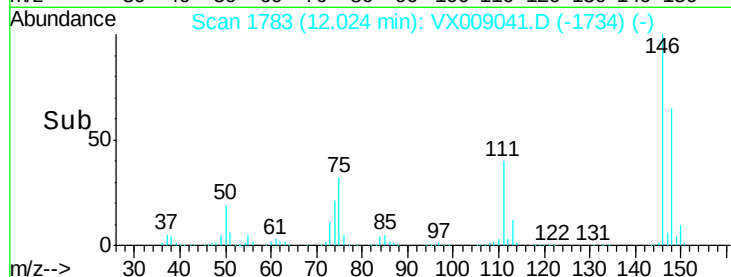
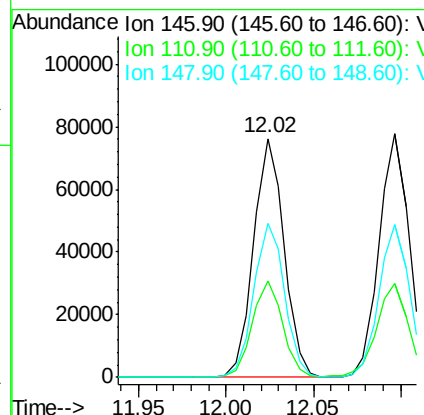
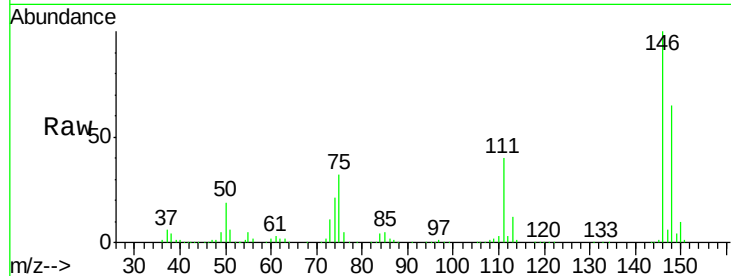
#87
 1,3-Dichlorobenzene
 Concen: 20.381 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.6
148	65.2	32.2	96.6

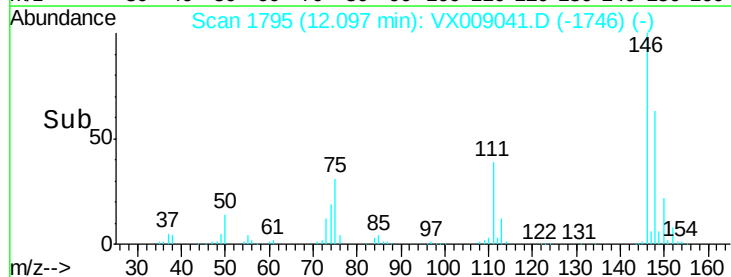
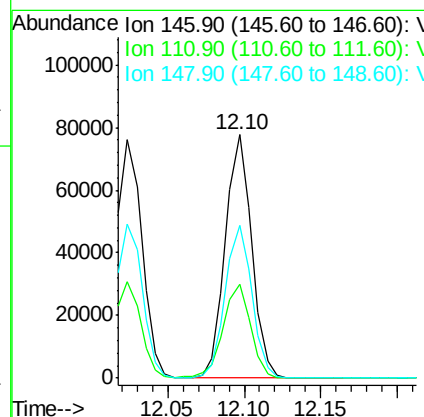
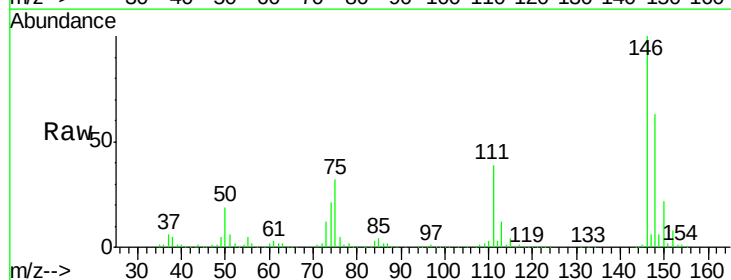
Manual Integrations
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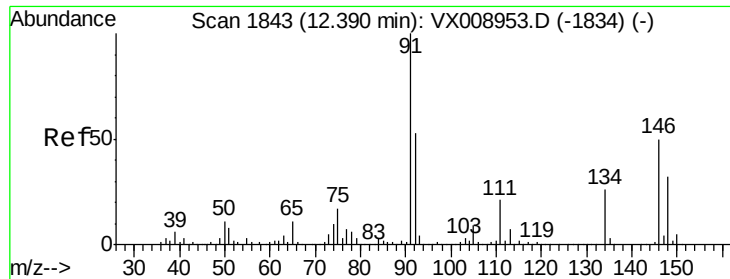
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#88
 1,4-Dichlorobenzene
 Concen: 20.226 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	59.9
148	63.9	32.2	96.6





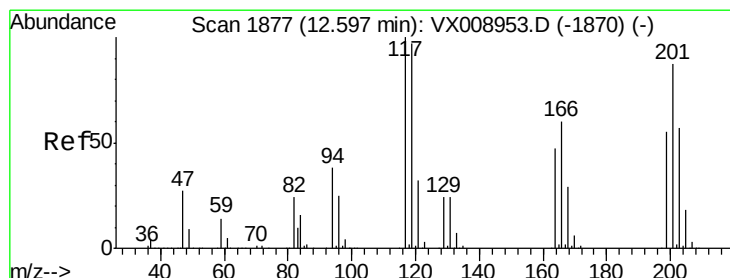
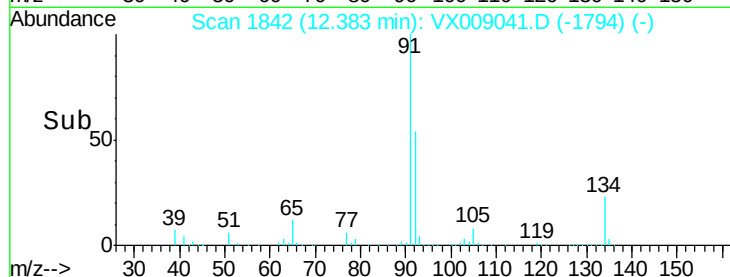
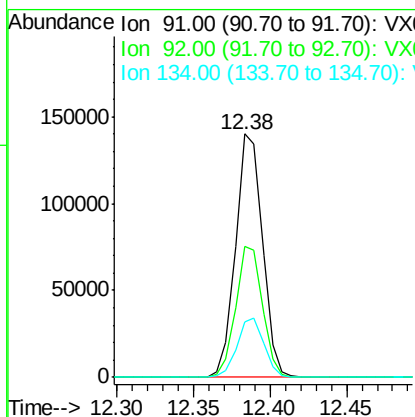
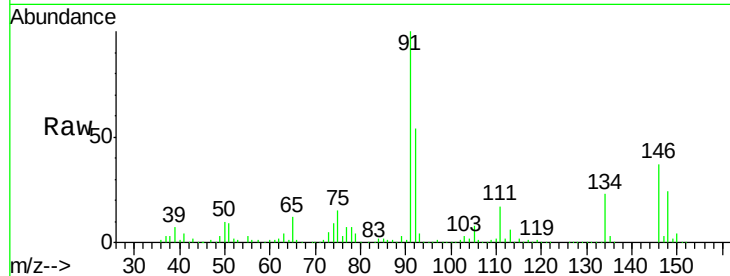
#89
n-Butylbenzene
Concen: 20.253 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Instrument :
MSVOA_X
ClientSampleId :
VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.8
134	24.3	12.4	37.2

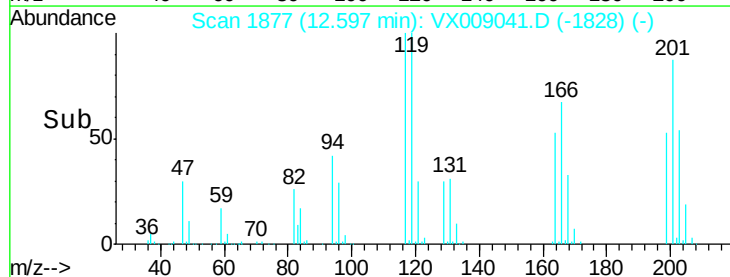
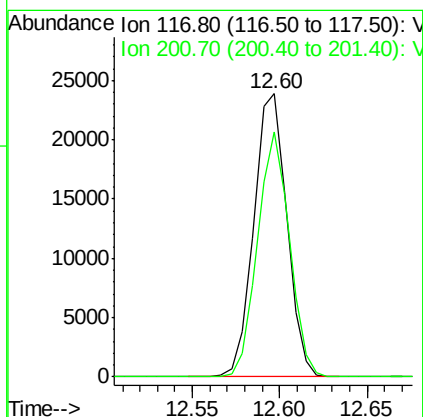
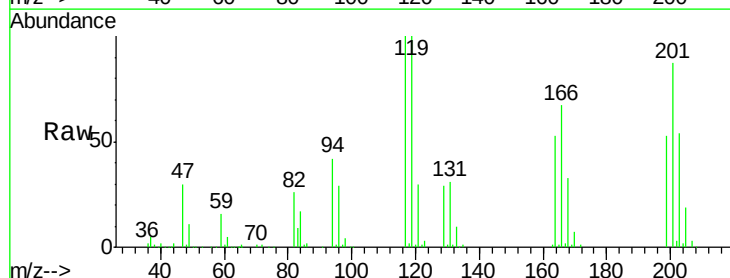
Manual Integrations
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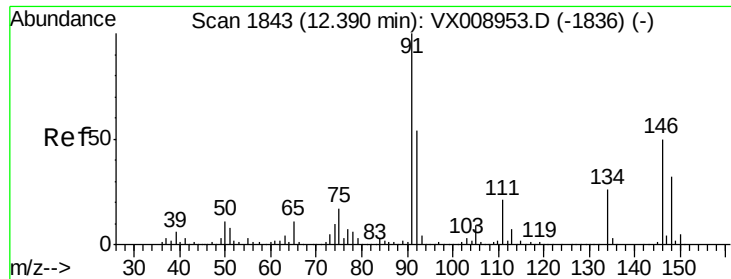
MMDadoda
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#90
Hexachloroethane
Concen: 20.940 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009041.D
Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.6	43.0	129.0





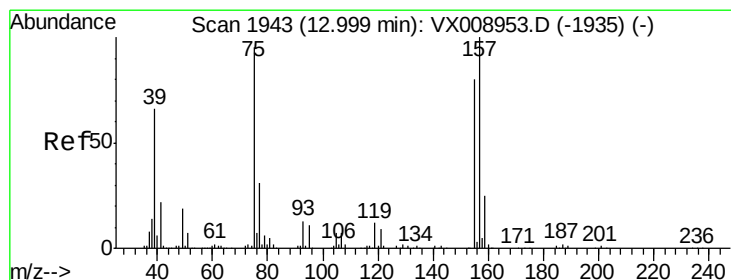
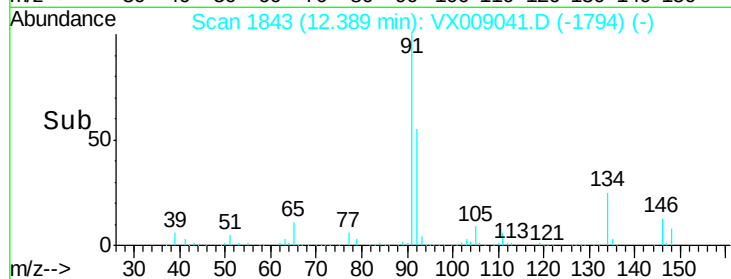
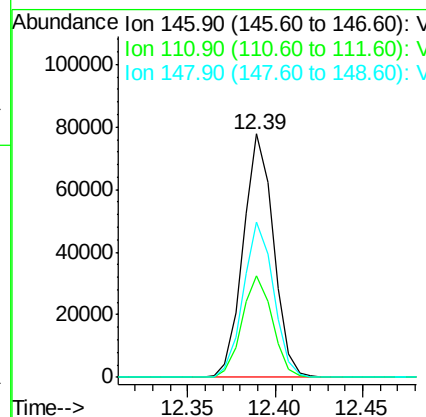
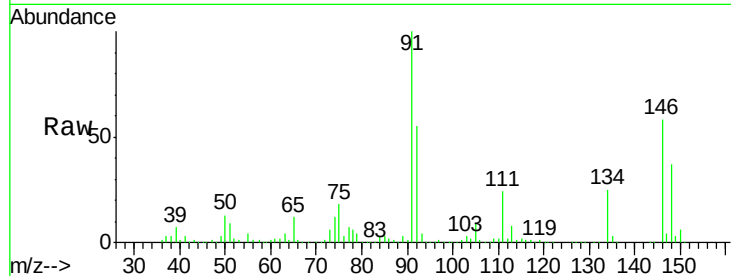
#91
 1,2-Dichlorobenzene
 Concen: 20.931 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.9
148	64.0	32.0	96.2

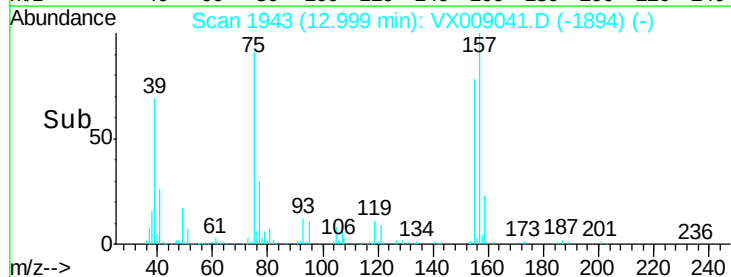
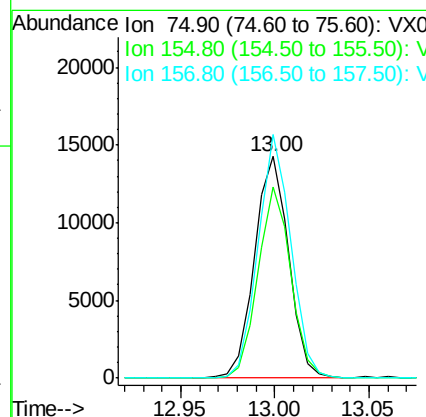
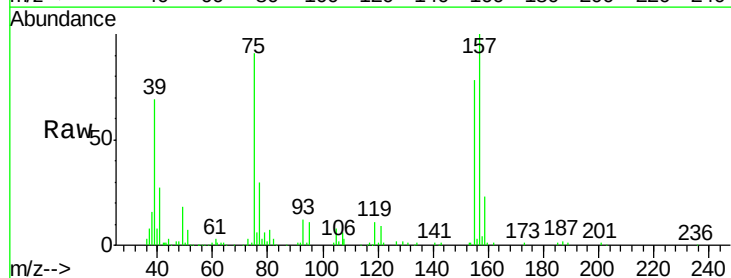
Manual Integrations
 APPROVED

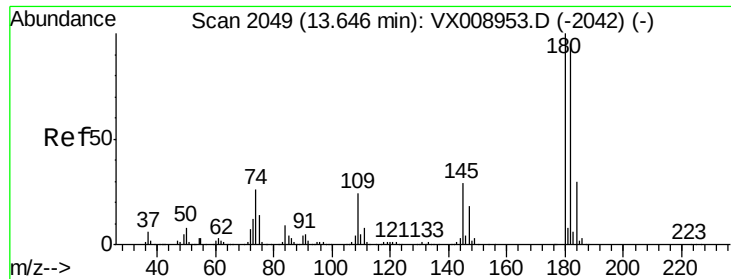
MMDadoda
 4/19/2019 9:11:59 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.856 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	41.2	123.6
157	106.2	52.5	157.6





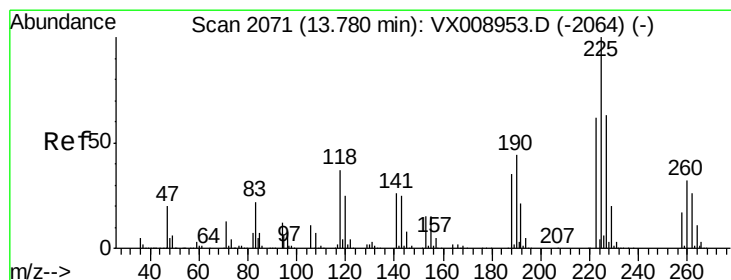
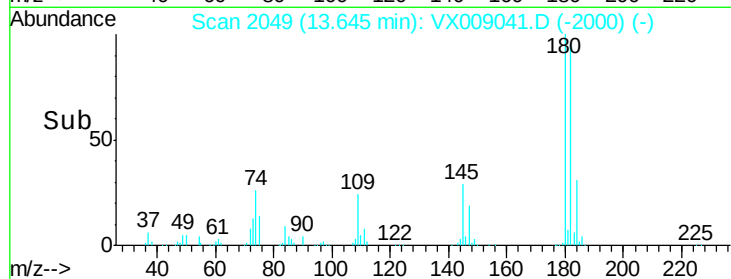
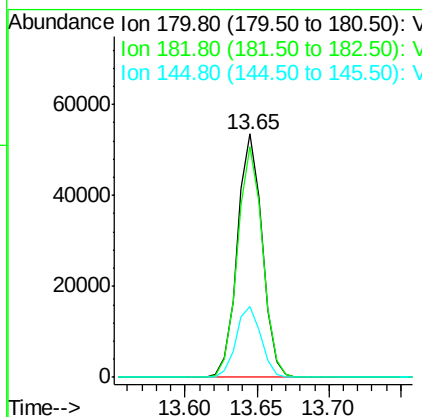
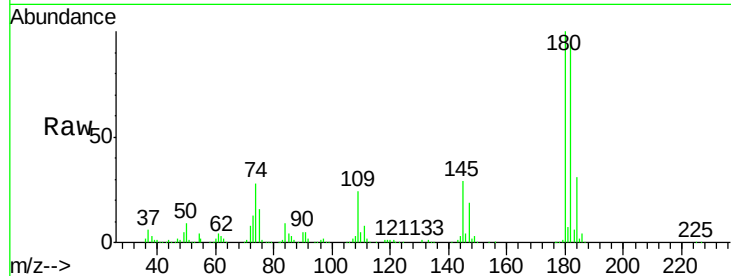
#93
 1,2,4-Trichlorobenzene
 Concen: 19.871 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Instrument :
 MSVOA_X
 ClientSampled :
 VX0418WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	29.3	14.8	44.4

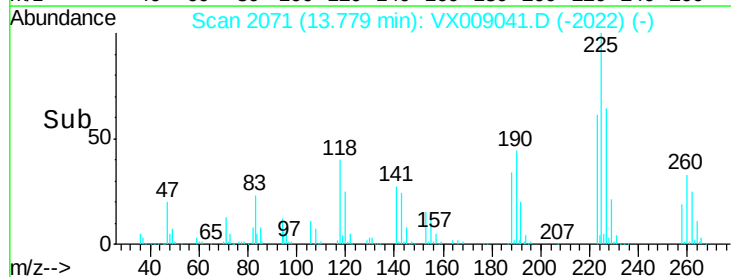
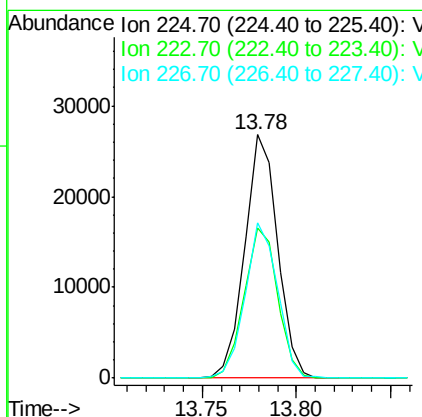
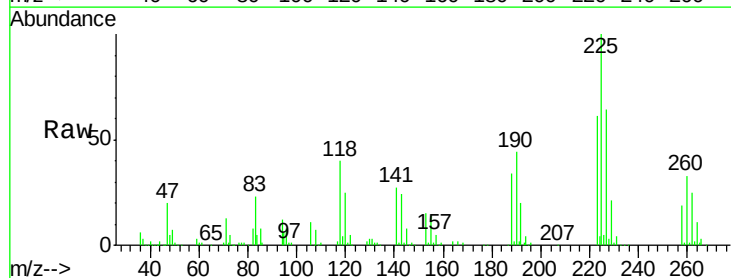
Manual Integrations
 APPROVED

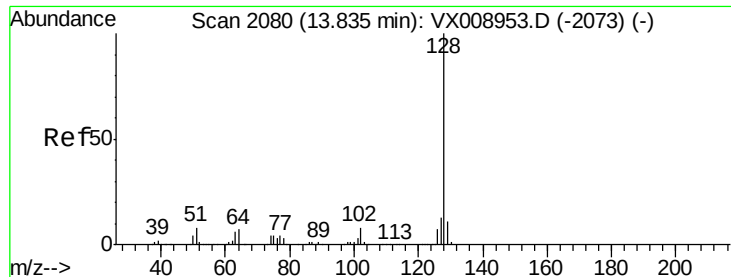
MMDadoda
 4/19/2019 9:11:59 AM



#94
 Hexachlorobutadiene
 Concen: 20.095 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009041.D
 Acq: 18 Apr 2019 14:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.1	93.2
227	63.5	32.0	96.2





#95

Naphthalene

Concen: 20.702 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Instrument :

MSVOA_X

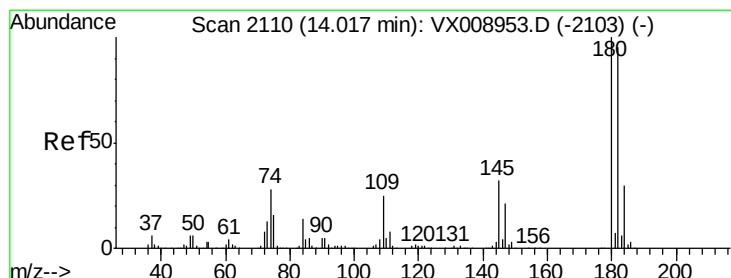
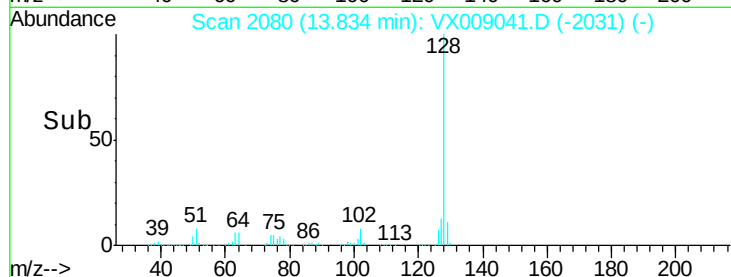
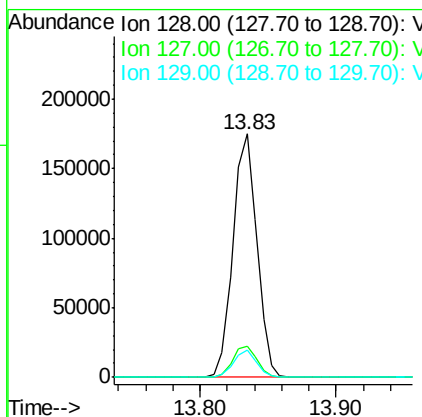
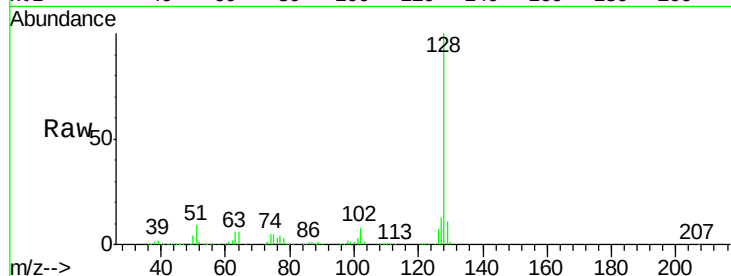
ClientSampleId :

VX0418WBSD01

Tot Ion:	128	Resp:	214453
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/19/2019 9:11:59 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.387 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009041.D

Acq: 18 Apr 2019 14:11

Tgt Ion:	180	Resp:	65040
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.8	143.4
145	31.2	15.8	47.3

